

Rev02  
 Update: May,23,2024

## DATASHEET

# AAV5

Cat. No.: RP30241

## Overview

<b>Description</b>	Pool of 179 peptides derived from a peptide scan (15mers with 11 aa overlap) through Capsid protein (Swiss-Prot ID: Q9YIJ1) of Adeno-Associated Virus (AAV) - type 5.
<b>Sequence Shortening</b>	MSFVDHPPDWLEEVGEGLEFLGLEAGPPKPKPNQQHQDQARGLVLPGYNYLPGNGLDRGEPVN RADEVAREHDISYNEQLEAGDNPYLKYNHADAQEFQEKLADDTSGGNGLGKAVFQAKKRVLEPFGLVE EGAKTAPTGRIDDHFPKRKKARTEEDSKPSTSSDAEAGPSGSQQLQIPAPASSLGADTMSAGGG GPLGDNNQGADGVGNASGDWHCDSTWMGDRVTKSTRTWVLPSPYNNHQQYREIKSGSVDGSNANA YFGYSTPWGYFDNRFHSHWSPRDWQRLINNYWGFRRSLRVKIFNIQVKEVTVQDSTTTIANNLTS TVQVFTDDDYQLPYVVGNGTEGCLPAFPPQVFTLPQYGYATLNRDNTENPTERSFFCLEYFPSKML RTGNNEFTYNFEEVPHSSFAPSQNLFLKLANPLVDQYLYRFVSTNNTGGVQFNKNLAGRYANTYKN WFPGPMGRTQGWNLGSGVNRASVSFAFATTNRMELEGASYQVPPQPNGMTNNLQGSNTYALENTM IFNSQPANPGTTATYLEGNMLITSESETQPVNRVAYNVGGQMATNNQSSTTAPATGTYNLQEIIVPGS VWMERDVYLGPIWAKIPETGAHFHPSAMGGFGLKHPPPMMLIKNTPVPGNITSFSDVPVSSFITQ YSTGQVTVEMEWELKKENSKRWNPEIQYTNNYNDPQFVDFAPDSTGEYRTRTRPIGTRYLTRPL

## Properties

<b>Purity</b>	>90%
<b>Solubility</b>	Can be dissolved in dimethyl sulfoxide(Analytical grade).
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C. Keep tightly closed. Store in a cool dry place.

## Applications

T-cell Immunity

## Sequence (one-letter-code)

Code	Sequence	Code	Sequence
------	----------	------	----------

peptide_1	MSFVDHPPDWLEEVG	peptide_2	DHPPDWLEEVGEGLR
peptide_3	DWLEEVGEGLEFLG	peptide_4	EVGEGLEFLGLEAG
peptide_5	GLREFLLEAGPPKP	peptide_6	FLGLEAGPPKPKPNQ
peptide_7	EAGPPKPKPNQQHQD	peptide_8	PKPKPNQQHQDQARG
peptide_9	PNQQHQDQARGLVLP	peptide_10	HQDQARGLVLPGYNY
peptide_11	ARGLVLPGYNYLPGG	peptide_12	VLPGYNYLPGNGLD
peptide_13	YNYLPGNGLDRGEP	peptide_14	GPGNGLDRGEPVNRA
peptide_15	GLDRGEPVNRADVA	peptide_16	GEPVNRADVAREHD
peptide_17	NRADEVAREHDISYN	peptide_18	EVAREHDISYNEQLE
peptide_19	EHDISYNEQLEAGDN	peptide_20	SYNEQLEAGDNPYLK
peptide_21	QLEAGDNPYLKYNHA	peptide_22	GDNPYLKYNHADAEF
peptide_23	YLKYNHADAEFQEKL	peptide_24	NHADAEFQEKLADDT
peptide_25	AEFQEKLADDTSGGG	peptide_26	EKLADDTSGGNGLGK
peptide_27	DDTSGGNGLKAVFQ	peptide_28	FGGNGLKAVFQAKKR
peptide_29	LGKAVFQAKKRVLEP	peptide_30	VFQAKKRVLEPFGLV
peptide_31	KKRVLEPFGLVEEGA	peptide_32	LEPFGLVEEGAKTAP
peptide_33	GLVEEGAKTAPTGKR	peptide_34	EGAKTAPTGKRIDDH
peptide_35	TAPTGKRIDDHFPKR	peptide_36	GKRIDDHFPKRKKAR
peptide_37	DDHFPKRKKARTEED	peptide_38	PKRKKARTEEDSKPS
peptide_39	KARTEEDSKPSTSSD	peptide_40	EEDSKPSTSSDAEAG
peptide_41	KPSTSSDAEAGPSGS	peptide_42	SSDAEAGPSGSQQLQ
peptide_43	EAGPSGSQQLQIPAQ	peptide_44	SGSQQLQIPAQPASS
peptide_45	QLQIPAQPASSLGAD	peptide_46	PAQPASSLGADTMSA
peptide_47	ASSLGADTMSAGGGG	peptide_48	GADTMSAGGGGPLGD
peptide_49	MSAGGGGPLGDNNQG	peptide_50	GGGPLGDNNQGADGV
peptide_51	LGDNNQGADGVGNAS	peptide_52	NQGADGVGNASGDWH
peptide_53	DGVGNASGDWHCDST	peptide_54	NASGDWHCDSTWMGD
peptide_55	DWHCDSTWMGDRVVT	peptide_56	DSTWMGDRVVTKSTR
peptide_57	MGDRVVTKSTRTWVL	peptide_58	VTKSTRTWVLPSYN
peptide_59	STRTWVLPSYNNHQY	peptide_60	WVLPYNNHQYREIK
peptide_61	SYNNHQYREIKSGSV	peptide_62	HQYREIKSGSVDGSN
peptide_63	EIKSGSVDGSNANAY	peptide_64	GSVDGSNANAYFGYS

peptide_65	GSNANAYFGYSTPWG	peptide_66	NAYFGYSTPWGYFDF
peptide_67	GYSTPWGYFDFNRFH	peptide_68	PWGYFDFNRFHSHWS
peptide_69	FDNRFHSHWSPRDW	peptide_70	RFHSHWSPRDWQRLI
peptide_71	HWSRPDWQRLINNYW	peptide_72	RDWQRLINNYWGFRP
peptide_73	RLINNYWGFRPRSLR	peptide_74	NYWGFRPRSLRVKIF
peptide_75	FRPRSLRVKIFNIQV	peptide_76	SLRVKIFNIQVKEVT
peptide_77	KIFNIQVKEVTVQDS	peptide_78	IQVKEVTVQDSTTTI
peptide_79	EVTVQDSTTTIANNL	peptide_80	QDSTTTIANNLSTV
peptide_81	TTIANNLSTVQVFT	peptide_82	NNLSTVQVFTDDDDY
peptide_83	STVQVFTDDDYQLPY	peptide_84	VFTDDDYQLPYVWGN
peptide_85	DDYQLPYVWNGTEG	peptide_86	LPYVWNGTEGCLPA
peptide_87	VGNGTEGCLPAFPPQ	peptide_88	TEGCLPAFPPQVFTL
peptide_89	LPAFPPQVFTLPQYG	peptide_90	PPQVFTLPQYGYATL
peptide_91	FTLPQYGYATLNRDN	peptide_92	QYGYATLNRDNTENP
peptide_93	ATLNRDNTENPTERS	peptide_94	RDNTENPTERSFFC
peptide_95	ENPTERSFFCLEYF	peptide_96	ERSSFFCLEYFPSKM
peptide_97	FFCLEYFPSKMLRTG	peptide_98	EYFPSKMLRTGNNFE
peptide_99	SKMLRTGNNFEFTYN	peptide_100	RTGNNFEFTYNFEEV
peptide_101	NFEFTYNFEEVPFHS	peptide_102	TYNFEEVPFHSSFAP
peptide_103	EEVPFHSSFAPSQNL	peptide_104	FHSSFAPSQNLFKLA
peptide_105	FAPSQNLFKLANPLV	peptide_106	QNLFKLANPLVDQYL
peptide_107	KLANPLVDQYLRFV	peptide_108	PLVDQYLRFVSTNN
peptide_109	QYLRFVSTNNTGGV	peptide_110	RFVSTNNTGGVQFNK
peptide_111	TNNTGGVQFNKNLAG	peptide_112	GGVQFNKNLAGRYAN
peptide_113	FNKNLAGRYANTYKN	peptide_114	LAGRYANTYKNWFPG
peptide_115	YANTYKNWFPGPMGR	peptide_116	YKNWFPGPMGRTQGW
peptide_117	FPGPMGRTQGWNLGS	peptide_118	MGRTQGWNLGSGVNR
peptide_119	QGWNLGSGVNRASVS	peptide_120	LGSGVNRASVSAFAT
peptide_121	VNRASVSAFATTNRM	peptide_122	SVSAFATTNRMELEG
peptide_123	FATTNRMELEGASYQ	peptide_124	NRMELEGASYQVPPQ
peptide_125	LEGASYQVPPQPNGM	peptide_126	SYQVPPQPNGMTNNL
peptide_127	PPQPNGMTNNLQGSN	peptide_128	NGMTNNLQGSNTYAL

peptide_129	NNLQGSNTYALENTM	peptide_130	GSNTYALENTMIFNS
peptide_131	YALENTMIFNSQPAN	peptide_132	NTMIFNSQPANPGTT
peptide_133	FNSQPANPGTTATYL	peptide_134	PANPGTTATYLEGNM
peptide_135	GTTATYLEGNMLITS	peptide_136	TYLEGNMLITSESET
peptide_137	GNMLITSESETQPVN	peptide_138	ITSESETQPVNRVAY
peptide_139	SETQPVNRVAYNVGG	peptide_140	PVNRVAYNVGGQMAT
peptide_141	VAYNVGGQMATNNQS	peptide_142	VGGQMATNNQSSTTA
peptide_143	MATNNQSSTTAPATG	peptide_144	NQSSTTAPATGTYNL
peptide_145	TTAPATGTYNLQEIV	peptide_146	ATGTYNLQEIVPGSV
peptide_147	YNLQEIVPGSVWMER	peptide_148	EIVPGSVWMERDVYL
peptide_149	GSVWMERDVYLQGPI	peptide_150	MERDVYLQGPWAKI
peptide_151	VYLQGPWAKIPETG	peptide_152	GPIWAKIPETGAHFH
peptide_153	AKIPETGAHFHPSPA	peptide_154	ETGAHFHPSPAMGGF
peptide_155	HFHPSPAMGGFGLKH	peptide_156	SPAMGGFGLKHPPPM
peptide_157	GGFGLKHPPPMMLIK	peptide_158	LKHPPPMMLIKNTPV
peptide_159	PPMMLIKNTPVPGNI	peptide_160	LIKNTPVPGNITSFS
peptide_161	TPVPGNITSFSDVPV	peptide_162	GNITSFSDVPVSSFI
peptide_163	SFSDVPVSSFITQYS	peptide_164	VPVSSFITQYSTGQV
peptide_165	SFITQYSTGQVTVEM	peptide_166	QYSTGQVTVEMEWEL
peptide_167	GQVTVEMEWELKKEN	peptide_168	VEMEWELKKENSKRW
peptide_169	WELKKENSKRWNPEI	peptide_170	KENSKRWNPEIQYTN
peptide_171	KRWNPEIQYTNNDPQFV	peptide_172	PEIQYTNNDPQFV
peptide_173	YTNNDPQFVDFAP	peptide_174	YNDPQFVDFAPDSTG
peptide_175	QFVDFAPDSTGEYRT	peptide_176	FAPDSTGEYRTRPI
peptide_177	STGEYRTRPIGTRY	peptide_178	YRTRPIGTRYLTRP
peptide_179	RPIGTRYLTRPL		

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China