

Product datasheet for **RC210711A1V**

Human GLT25D1 (COLGALT1) (NM_024656) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GLT25D1 (COLGALT1) (NM_024656) AAV Particle
Tag:	Myc-DDK
Symbol:	COLGALT1
Synonyms:	BSVD3; ColGalT 1; GLT25D1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC210711 representing NM_024656
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGCGCCCAACGCGCGGGCGCGGCGCGGCGACGCCCTCTGGCGCTGCTGCTTCTGCTGCTG
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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>RC210711 representing NM_024656
Red=Cloning site Green=Tags(s)
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MAAAPRAGRRRGQPLLALLLLLLLAPLPPGAPGADAYFPEERWSPEPLQAPRVLIALLARNAHAHALPTT
LGALERLRHPRERTALWVATDHNDNTSTVLREWLVAVKSLYHSVEWRPAEEPRSYDDEEGPKHWSDSRY
EHVMKLRQAALKSARDMWADYILFVDADNLILNPDTL SLLIAENKTVVAPMLDSRAAYSNFWCGMTSQGY
YKRTPAYIPIRKDRRGCFVPMVHSTFLIDLRKAASRNLA FYPPHPDYTSFDDII VFAFSCKQAEVQM
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RQDRRERMLRALQAQIECRLVEAVDGKAMNTSQVEALGIQMLPGYRDPYHGRPLTKGELGCF LSHYNIW
KEVVDRLQKSLVFEDDLRFEIFFKRRLMNLMRDVEREGLDWDLIYVGRKRMQVEHPEKAVPRVRNLVEA
DYSYWTLAYVISLQGARKLLAAEPLSKMLPVDEFLPVMFDKHPVSEYKAHFSLRNLHAFSVEPLL IYPTH
YTGGDGYVSDTETSVVWNNEHVKTWDRAKSOKMREOQAL SREAKNSDVL OSLPDSAARDEL

SGPTRRRL**E**QKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_024656
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F6610
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_024656.2, NP_078932.2</u>
RefSeq Size:	3593 bp
RefSeq ORF:	1869 bp
Locus ID:	79709
UniProt ID:	<u>Q8NBJ5</u>
Cytogenetics:	19p13.11
MW:	71.5 kDa