

Product datasheet for **RC220465A1V**

Human GXYLT1 (NM_173601) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GXYLT1 (NM_173601) AAV Particle
Tag:	Myc-DDK
Symbol:	GXYLT1
Synonyms:	GLT8D3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220465 representing NM_173601 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGGCGCTACCTGCGCGTCGTGGTGCTGTGTGGCCTGCGGCTTCTGCTCGCTCCTTTACGCTTTCA
GCCAGCTCGCCGTGTCCCTGGAAGAAGGAACGGGCGCGGTGGCGGAAGCCGAGGCCGCGGTGGCTTC
CTGGCTCGCGGGCGGCGGACGCGGCGCGGTGAGAGGCGCGCGCTCGCGGGCCCCGAGCGCATCCCCGGC
GTGTCGGACAGGTGTAAGATTCTCTCTGTGTTACTGGAATCCCTATTGGATGCTGCCCTCTGATGTTT
GTGGAATGAACCTGCTTTTGGGAAGCGGCTTTTAGGTACAGTCTGAAAATACAGCCTGTTGAGAAAATGCA
TCTAGCTGTAGTTGCCTGTGGTGAAGACTGGAAGAACTATGACCATGTTGAAGTCAGCTATCATTTTTTC
AGCATCAAACCTCTTCAATTCCATATTTTTGCTGAAGATCAGCTACATCATAGCTTTAAAGGCAGACTTG
ACAACCTGGTCATTTCTACAAACATTTAATTATACGTTATACCCATAACCTTTCCAAGTGAGAATGCAGC
AGAGTGGAAAAAATCTTTAAACCATGTGCTTCGACAGAGATTGTTCTTGCCGTTAATCCTGAAAGAAGTT
AACTCACTATTGTATGTCGACACTGATATCCTTTTTTACGACCAGTTGATGATATTTGGTCTTTACTAA
AGAAATTTAATCCACACAAATTGCTGCAATGGCACCAGAACATGAGGAACCTCGAATAGGATGGTATAA
TCGCTTTGCTAGGCATCCATATTATGAAAAAATGGAGTAACTCTGGAGTTATGTTGATGAACATGACT
CGAATGAGAAGGAAGTATTTCAAGAATGATATGACAACTGTACGACTACAATGGGAGATATACTTATGC
CATTGCTTAAAAATACAACTAAACATCACATGGGGTATCAAGATCTATTGAATATCGTGTTTTTCA
TAATCCAGAAAGCCTTTTTGTTTTCCGTGTCAATGGAATTATCGACCAGATCATTGTATATATGGAAGC
AATTGCCAAGAAGCAGAAGAAGGAGGAATCTTTATTCTTCATGGGAACAGAGGTGTTTACCATGACGATA
AGCAACCAGCATTTAGAGCTGTTTATGAAGCACTGAGAAATTGTTCTTTTGAAGATGACAACATCCGTTT
CTTATTTAAACCTTTAGAACTGGAACACAAAAACAGTGCATACATACTGTGGAAAAATTTACAAAATA
TTTATCAAACAACTAGCAAAAAGTGAAGAGATCGTTATGCCAGATCACCAAAGGAAAAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220465 representing NM_173601 Red=Cloning site Green=Tags(s) MRRYL RVV LCVACGFC SLLYAFS QLA VSL E EGTGGGGG KPA AVASWLAGGGRGAVRGAGVAGPAAHPG VSDRCKDFSLCYWNPYWMLPSDVCGMNCFWEAAFRYSLKI QPVEKMHLAVVACGERLEETMTMLKSAIIF SIKPLQFHIFAE DQLHHSFKGRLDNWSFLQTFNYTL YPITFPSENAAEWKLFKPCASQRLFLPLILKEV NSLLYVDTDILFLRPVDDIWSLLKKFNSTQIAAMAPEHEEPRIGWYNRFARHPYYGKTGVNSGVMLMNMNT RMRRKYFKNDMTTVRLQWGDILMPLLKKYKLNITWGDQDLLNI VFFHNPESLFVFPCQWNYRDPDHCIYGS NCQEAEEGGIFILHGNGVYHDDKQPAFRAVYEALRNCSFEDDNIRSL LKPLELELQKT VHTYCGKIYKI FIKQLAKSVRDRYARSPKEK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_173601
ORF Size:	1320 bp
Buffer:	PBS with 0.001% Pluronic F68
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_173601.1</u>
RefSeq Size:	7509 bp
RefSeq ORF:	1323 bp
Locus ID:	283464
UniProt ID:	<u>Q4G148</u>
Cytogenetics:	12q12
MW:	50.6 kDa