

Product datasheet for **RC206281A1V**

Human EAAT3 (SLC1A1) (NM_004170) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EAAT3 (SLC1A1) (NM_004170) AAV Particle
Tag:	Myc-DDK
Symbol:	EAAT3
Synonyms:	DCBXA; EAAC1; EAAT3; SCZD18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC206281 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGAACCGCGAGGAAAGGATGCGAGTGGAAGCGCTTCCTGAAGAATAACTGGGTGTTGCTGTCCA
 CCGTGGCGCGGTGGTGTCTAGGCATTACACAGGAGTCTTGTTTCGAGAACACAGCAACCTCTCAACTCT
 AGAGAAATTTCTACTTTGCTTTTCTGGAGAAATTTCTAATGCGGATGCTGAAACTCATCATTTTGGCATT
 ATTATATCCAGCATGATTACAGGTGTTGCTGCACTGGATTCCAACGTATCCGAAAAATTTGGTGTGCGCG
 CTGTGCTGTATTATTTCTGTACCACTCTCATTGCTGTTATTCTAGGTATTGTGCTGGTGGTGAGCATCAA
 GCCTGGTGTCAACAGAAAGTGGGTGAAATTGCGAGGACAGGCAGCACCCTGAAGTCAGTACGGTGGAT
 GCCATGTTAGATCTCATCAGGAATATGTTCCCTGAGAATCTTGCCAGGCCTGTTTTCAGCAGTACAAAA
 CTAAGCGTGAAGAAGTGAAGCCTCCAGCGATCCAGAGATGAACATGACAGAAGAGTCTTCACAGCTGT
 CATGACAACTGCAATTTCCAAGAACAAAACAAAGGAATACAAAATTGTTGGCATGTATTCAGATGGCATA
 AACGTCCTGGGCTTGATTGTCTTTGCCTTGCTTTGGACTTGTCATTGGAAAAATGGGAGAAAAGGGAC
 AAATTTCTGGTGGATTTCTTCAATGCTTTGAGTGATGCAACCATGAAAAATCGTTTCAGATCATCATGTGTTA
 TATGCCACTAGGTATTTTGTCTGATTGCTGGGAAGATCATAGAAGTTGAAGACTGGGAAATATCCGC
 AAGCTGGGCCTTTACATGGCCACAGTCTGACTGGGCTTGCAATCCACTCCATTGTAATTTCTCCCGCTGA
 TATATTTCATAGTCGTACGAAAGAACCTTTCCGATTTGCCATGGGAATGGCCAGGCTCTCCTGACAGC
 TCTCATGATCTTCCAGTTCAGCAACACTGCCTGTACCTTCCGCTGTGCTGAAGAAAAATACCAAGTG
 GACAAGAGGATCACTCGATTGCTGTTACCCGTTGGTGCAACAATCAACATGGATGGGACTGCGCTCTATG
 AAGCAGTGGCAGCGGTGTTTATTGCACAGTTGAATGACCTGGACTTGGCATTGGGCAGATCATCACCAT
 CAGTATCACGGCCACATCTGCCAGCATCGGAGCTGCTGGCGTGCCCCAGGCTGGCTGGTGACCATGGTG
 ATTGTGCTGAGTGCCGTGGGCTGCCGCCGAGGATGTCACCCTGATCATTGCTGTGCTGAGTGGCTCCTGG
 ACCGGTTCAGGACCATGGTCAACGTCTTGGTGATGCTTTTGGGACGGGATTGTGGAAGGCTCTCCAA
 GAAGGAGCTGGAGCAGATGGATGTTTCTGAGTCAACATTGTGAATCCCTTTGCCTTGAATCCACA
 ATCCTTGACAACGAAGACTCAGACACCAAGAAGTCTTATGTCAATGGAGGCTTTGCAGTAGACAAGTCTG
 ACACCATCTCATTACCCAGACCTCACAGTTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206281 protein sequence
 Red=Cloning site Green=Tags(s)

MGKPARKGCEWKRFLKNNWVLLSTVAAVVLGITGVLVREHSNLSTLEKFYFAFPGEILMRMLKLIILPL
 IISSMITGVAALDSNVSGKIGVRAVVYFCTTLIAVILGIVLVSIKPGVTQKVGEIARTGSTPEVSTVD
 AMLDLIRNMFENLVQACFQQYKTKREEVKPPSDPEMNMTESFTAVMTTAISKNTKEYKIVGMYSDGI
 NVLGLIVFCLVFLVIGKMEKQILVDFFNALSDATMKIVQIIMCYMPLGILFLIAGKIIIEVEDWEIFR
 KLGLYMATVLTLAIHSIVILPLIYFIVVRKNPFRFAMGMAQALLTALMISSSATLPVTFRCAEENNQV
 DKRITRFVLPVGATINMDGTALYEAAVFIAQLNDLDLGIGQIITISITATSASIGAAGVPQAGLVTMV
 IVLSAVGLPAEDVTLLIAVDWLLDRFRTMVNVLGDAFGTGIVEKLSKKELEQMDVSSEVINVPFALEST
 ILDNESDTSKSYVNGGFAVDKSDTISFTQTSQF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004170

ORF Size:

1572 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_004170.4</u>
RefSeq Size:	3757 bp
RefSeq ORF:	1575 bp
Locus ID:	6505
UniProt ID:	<u>P43005</u>
Cytogenetics:	9p24.2
MW:	57.1 kDa