

Excitatory amino acid transporter 2 Recombinant Protein | EAA2 recombinant protein

Recombinant mouse Excitatory amino acid transporter 2

CATALOG # AAA309745	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

Excitatory amino acid transporter 2; Recombinant mouse Excitatory amino acid transporter 2; GLT-1Sodium-dependent glutamate/aspartate transporter 2Solute carrier family 1 member 2; EAA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Extracellular Domain, 143-238
Sequence	HPGNPKLKKQ LGPGKKNDEV SSLDAFLDLI RNLFPENLVQ ACFQQIQTVT KKVLVAPPSE EANTTKAVIS MLNETMNEAP EETKIVIKKG LEFKDG
Sequence Length	238
Product type	Recombinant Protein
Target Name	EAA2
Tag Info	GST-tag
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for EAA2 recombinant protein	Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly roving released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117606277
NCBI GeneID	20511
NCBI Accession #	NP_001070982.1
NCBI GenBank Nucleotide #	NM_001077514.3
UniProt Accession #	P43006 ; O35877 ; O54686 ; O54687
Molecular Weight	38kD
NCBI Official Full Name	excitatory amino acid transporter 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 1 (glial high affinity glutamate transporter), member 2

NCBI Official Symbol	Slc1a2
NCBI Official Synonym Symbols	GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik
NCBI Protein Information	excitatory amino acid transporter 2
UniProt Protein Name	Excitatory amino acid transporter 2
UniProt Gene Name	Slc1a2
UniProt Synonym Gene Names	Eaat2; Glt1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slc1a2-recombinant-protein-e-coli/309745>