

Excitatory Amino Acid Transporter 1 (EAAT1) Recombinant Protein | EAAT1 recombinant protein

Recombinant Excitatory Amino Acid Transporter 1 (EAAT1)

CATALOG # AAA162005	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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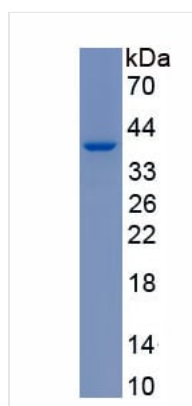
PRODUCT SYNONYMS

Excitatory Amino Acid Transporter 1 (EAAT1); Recombinant Excitatory Amino Acid Transporter 1 (EAAT1); Excitatory Amino Acid Transporter 1; EAAT1 recombinant protein (prokaryotic); Human; SLC1A3; EA6; GLAST1; Sodium-dependent glutamate/aspartate transporter 1; Solute Carrier 1 Member 3; Glial High Affinity Glutamate Transporter; GLutamate Aspartate Transporter4; EAAT1 recombinant protein

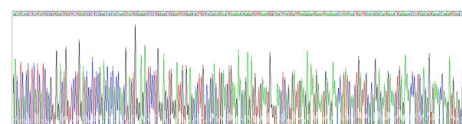
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Glu495~Met 542
Applicable Applications for EAAT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Human
Expression System	Prokaryotic expression
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.5
Subcellular Location	Secreted
Research Area	Neuro science
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for EAAT1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	584277111
NCBI GeneID	6507
NCBI Accession #	NP_001276868.1
NCBI GenBank Nucleotide #	NM_001289939.1
UniProt Accession #	P43003; Q4JQC8; B2R5T3
Molecular Weight	59,572 Da
NCBI Official Full Name	excitatory amino acid transporter 1 isoform 4
NCBI Official Synonym Full Names	solute carrier family 1 (glial high affinity glutamate transporter), member 3
NCBI Official Symbol	SLC1A3
NCBI Official Synonym Symbols	EA6; EAAT1; GLAST; GLAST1
NCBI Protein Information	excitatory amino acid transporter 1; GLAST-1; solute carrier family 1 member 3; sodium-dependent glutamate/aspartate transporter 1
UniProt Protein Name	Excitatory amino acid transporter 1
UniProt Gene Name	SLC1A3
UniProt Synonym Gene Names	EAAT1; GLAST; GLAST1; GLAST-1
UniProt Entry Name	EAA1_HUMAN

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/slc1a3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/162005>