Eukaryotic Excitatory Amino Acid Transporter 2 (EAAT2) Protein | EAAT2 protein

Eukaryotic Excitatory Amino Acid Transporter 2 (EAAT2)

CATALOG #	HOST	APPLICATIONS
AAA153223	**293F Cell**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Eukaryotic Excitatory Amino Acid Transporter 2 (EAAT2); Excitatory Amino Acid Transporter 2; EAAT2 recombinant protein (eukaryotic; 293F Cell); Human; SLC1A2; EAAT2; GLT-1; Solute Carrier Family 1 Member 2; Glutamate/aspartate transporter II; Sodium-dependent glutamate/aspartate transporter 2; EAAT2 protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 5% Trehalose. Freeze-dried powder
Sequence Positions	His143~Glu235
Applicable Applications for EAAT2 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.1
Subcellular Location	Membrane
Research Area	Neuro science
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

Amino Acid Info

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for EAAT2 protein	Eukaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	307746865
NCBI GeneID	6506
NCBI Accession #	NP_001182657.1
NCBI GenBank Nucleotide #	NM_001195728.2
UniProt Accession #	P43004; Q14417; Q541G6
Molecular Weight	574
NCBI Official Full Name	excitatory amino acid transporter 2 isoform 2
NCBI Official Synonym Full Names	solute carrier family 1 (glial high affinity glutamate transporter), member 2
NCBI Official Symbol	SLC1A2
NCBI Official Synonym Symbols	EAAT2; GLT-1
NCBI Protein Information	excitatory amino acid transporter 2; glutamate/aspartate transporter II; excitotoxic amino acid transporter 2; sodium-dependent glutamate/aspartate transporter 2
UniProt Protein Name	Excitatory amino acid transporter 2
UniProt Gene Name	**SLC1A2**
UniProt Synonym Gene Names	EAAT2; GLT1
UniProt Entry Name	EAA2_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/293f-cell-protein/eukaryotic-excitatory-amino-acid-transporter-2-eaat2/153223