

Recombinant Mouse Excitatory amino acid transporter 2(Slc1a2),partial

Catalog No: #AP70780

Package Size: #AP70780-1 20ug #AP70780-2 100ug #AP70780-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Mouse Excitatory amino acid transporter 2(Slc1a2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:143-238aaSequence Info:Extracellular Domain
Other Names	GLT-1Sodium-dependent glutamate,aspartate transporter 2Solute carrier family 1 member 2
Accession No.	P43006
Calculated MW	37.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	HPGNPKLKKQLGPGKKNDEVSSLDNFLIRNLPENLVQACFQQIQTVTKKVLVAPPSEEANTTKAVISMLNETMNEAPEETKIVIKKGLEFKDG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.

References

Palmitoylation and function of glial glutamate transporter-1 is reduced in the YAC128 mouse model of Huntington disease.Huang K., Kang M.H., Askew C., Kang R., Sanders S.S., Wan J., Davis N.G., Hayden M.R.Neurobiol. Dis. 40:207-215(2010)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.