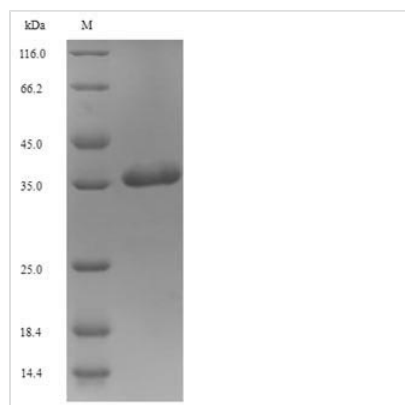




Recombinant Human excitatory amino acid transporter 3(SLC1A1),partial

Product Code	CSB-EP021432HU
Relevance	Transports L-glutamate, L- and D-aspartate and L-cystein (PubMed:21123949). Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium. Negatively regulated by ARL6IP5
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.
Uniprot No.	P43005
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Excitatory amino-acid carrier 1 Neuronal and epithelial glutamate transporter Sodium-dependent glutamate/aspartate transporter 3 Solute carrier family 1 member 1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AEDVTLLIAVDWLLDRFRTMVNVLGDAFGTGIVEKLSKKELEQMDVSSEVNIVN PFALESTILDNEDSDTKKSYVNGGFAVDKSDTISFTQTSQF
Research Area	Neuroscience
Source	E.coli
Gene Names	SLC1A1
Expression Region	430-524aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	37.5kDa
Protein Description	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.