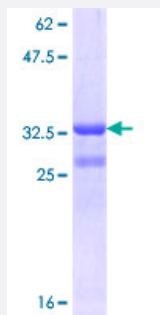


SLC1A4 (Human) Recombinant Protein (Q01)

Catalog # H00006509-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC1A4 partial ORF (NP_003029.2, 140 a.a. - 216 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KPGSGAQTLQSSDLGLEDSGPPVPKETVDSFLDLARNLFPSNLVVAAFRTYATDYKVVTQNSS SGNVTHEKIPIGT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
Interspecies Antigen Sequence	Mouse (83); Rat (78)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLC1A4

Entrez GeneID	6509
GeneBank Accession#	NM_003038
Protein Accession#	NP_003029.2
Gene Name	SLC1A4
Gene Alias	ASCT1, SATT
Gene Description	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
Omim ID	600229
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	alanine/serine/cysteine/threonine transporter glutamate/neutral amino acid transporter solute carrier family 1, member 4

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hartnup Disease](#)
- [Hyperparathyroidism](#)
- [Mental Disorders](#)

- [Multiple System Atrophy](#)
- [Schizophrenia](#)