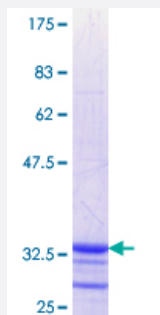


SLC6A11 (Human) Recombinant Protein (Q01)

Catalog # H00006538-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC6A11 partial ORF (NP_055044.1, 164 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TELPWATCGHEWNTENCVEFQKLNVSNYSHVSLQNATSPVMEFWEHRVLAISDGIEHIGNLR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.56
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — SLC6A11

Entrez GeneID	6538
GeneBank Accession#	NM_014229
Protein Accession#	NP_055044.1
Gene Name	SLC6A11
Gene Alias	GAT-3, GAT3
Gene Description	solute carrier family 6 (neurotransmitter transporter, GABA), member 11
Omim ID	607952
Gene Ontology	Hyperlink
Gene Summary	Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABAergic neurotransmission is terminated by the uptake of GABA into the presynaptic terminal and the surrounding astroglial cells by sodium-dependent transporters, such as SLC6A11.[supplied by OMIM]
Other Designations	-

Disease

- [Disease Models](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)

- [Hyperparathyroidism](#)
- [Mental Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)