

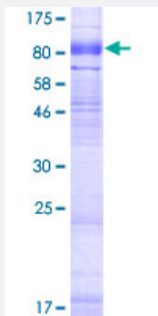
Full-Length

SLC6A16 (Human) Recombinant Protein (P01)

Catalog # H00028968-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC6A16 full-length ORF (AAH34948.1, 1 a.a. - 659 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKTEAQPSTSLANTSWTGTVISDSVPGSQTWEDKGSLTRSATSWTSEAQVSAARVAEAQART
SQPKQISVLEALTASALNQKPTHEKVQMTEKKESEVLLARPFWSSKTEYLAQVGFSMKPSCCLWR
FAYLWLNSSGGCSFAAMFMLFLVGVPFLLEMAAGQSMRQGGMGVWKIAPWIGGVGYSSFMVC
FILGLYFNVVNSWIIFYMSQSFFQFPVPWEKCPLTMNSSGFDPECERTTPSIYFWYQQALKASDRIE
DGGSPVYSLVLPFFLCWCLVGAFMINGLKSTGKVYVLVLLPCFIIVGFFIRTLLEGAQFGLQQLVV
AKISDVYNMSVWSLAGGQVLSNTGIGLGSVASLASYPQSNCLSDAFLVSVINLLTLLVFTSFNF
CVLGFWATVITHRCCERNAEILLKLINLGLKLPDAKPPVNLNPTSYNAWLGLPQHISMVLR
VTECNIETQFLKASEGPKFAFLSFVEAMSFLPPSVFWSFIFLMLLAMGLSSAIGIMQGIITPLQDTF
SFFRKHTKLLVGVFLLMFVCGLFFTRPSGSYFIRLLSDYWWFPIVVVVVFETMAVSWAYGARRFLA
DLTILLGHPISPIFGWLWPHLCPPVLLIIFVTMMVHLCMKPITYMSWDSSTVSLPQDPEPLWE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

99.9

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 — SLC6A16

Entrez GeneID	28968
GeneBank Accession#	BC034948.1
Protein Accession#	AAH34948.1
Gene Name	SLC6A16
Gene Alias	NTT5
Gene Description	solute carrier family 6, member 16
Omim ID	607972
Gene Ontology	Hyperlink
Gene Summary	SLC6A16 shows structural characteristics of an Na(+)- and Cl(-)-dependent neurotransmitter transporter, including 12 transmembrane (TM) domains, intracellular N and C termini, and large extracellular loops containing multiple N-glycosylation sites.[supplied by OMIM]
Other Designations	solute carrier family 6 (neurotransmitter transporter), member 16