

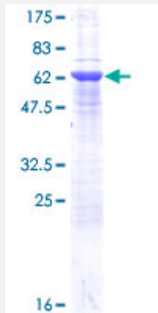
Full-Length

STX16 (Human) Recombinant Protein (P01)

Catalog # H00008675-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human STX16 full-length ORF (NP_003754.2, 1 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATRRLTDAFLLLRNNSIQNRQLLAEQLADDRMALVSGISLDPEAAIGVTKRPPPKWVDGVDEIQYDVGRIKQKMKELASLHDKHLNRPTLDDSSSEEEHAIEITTQEITQLFHRCQRAVQALPSRARACSEQEGRLLGNVVASLAQALQELSTSFRAHQSGYLKRMKNREERSQHFFDTSVPLMDDGDDNTLYHRGFTEDQLVLVEQNTLMVEEREREIRQVQSISDLNEIFRDLGAMVEQGTVLDRIDYNVEQSCIKTEDGLKQLHKAQEYQKKNRKMLVILFVIMVLMVLVGVKSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	61.2
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 — STX16

Entrez GeneID [8675](#)

GeneBank Accession# [NM_003763.3](#)

Protein Accession# [NP_003754.2](#)

Gene Name STX16

Gene Alias MGC90328, SYN16, hsyn16

Gene Description syntaxin 16

Omim ID [603666](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for V-SNARES (vesicle-SNAP receptors) permitting specific synaptic vesicle docking and fusion. A microdeletion in the region of chromosome 20 where this gene is located has been associated with pseudohypoparathyroidism type 1b. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000031789|OTTHUMP00000031790

Pathway

- [SNARE interactions in vesicular transport](#)