Recombinant Human STX16 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STX16-1958H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STX16 MS Standard C13 and N15-labeled recombinant protein (NP_003754) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 Ib. Multiple transcript variants have been found for this gene. Read-through transcription also exists between this gene and the neighboring downstream aminopeptidase-like 1 (NPEPL1) gene.
Molecular Mass	34.8 kDa
AA Sequence	MATRRLTDAFLLLRNNSIQNRQLLAEQLADDRMALVSGISLDPEAAIGVTKRPPPKW VDGVDEIQYDVGRIKQKMKELASLHDKHLNRPTLDDSSEEEHAIEITTQEITQLFHRC QRAVQALPSRARACSEQEGRLLGNVVASLAQALQELSTSFRHAQSGYLKRMKNRE ERSQHFFDTSVPLMDDGDDNTLYHRGFTEDQLVLVEQNTLMVEERERERIRQIVQSIS DLNEIFRDLGAMIVEQGTVLDRIDYNVEQSCIKTEDGLKQLHKAEQYQKKNRKMLVILI

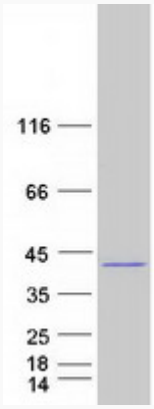
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	LFVIIIVLIVVLVGVKSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	STX16 syntaxin 16 [Homo sapiens (human)]
Official Symbol	STX16
Synonyms	STX16; syntaxin 16; syntaxin-16; hsyn16; SYN16; MGC90328;
Gene ID	8675
mRNA Refseq	NM_003763
Protein Refseq	NP_003754
MIM	603666
UniProt ID	O14662

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SDS-PAGE	

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