

Human STX16 Knockdown Cell Lysate

Cat. No. STX16-304HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated STX16 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	37 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg STX16 KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	SNARE interactions in vesicular transport
Lysate QC	RT-qPCR; Western Blotting (WB)
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_001001433
Protein Refseq	NP_001001433
MIM	603666
UniProt ID	O14662

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