Human STXBP1 Knockdown Cell Lysate

Cat. No. STXBP1-305HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated STXBP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described.
Form	Cell-Tissue Lysis buffer
Molecular Mass	68 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.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg STXBP1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	STXBP1 syntaxin binding protein 1 [Homo sapiens (human)]
Official Symbol	STXBP1
Synonyms	STXBP1; syntaxin binding protein 1; syntaxin-binding protein 1; hUNC18; MUNC18 1; rbSec1; UNC18; N-Sec1; unc-18A; unc18-1; neuronal SEC1; protein unc-18 homolog 1; protein unc-18 homolog A; P67; NSEC1; RBSEC1; MUNC18-1; FLJ37475;
Gene ID	6812
mRNA Refseq	NM_001032221
Protein Refseq	NP_001027392
MIM	602926
UniProt ID	P61764

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