

Human STUB1 Knockdown Cell Lysate

Cat. No. STUB1-303HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated STUB1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a protein containing tetratricopeptide repeat and a U-box that functions as a ubiquitin ligase/cochaperone. The encoded protein binds to and ubiquitinates shock cognate 71 kDa protein (Hspa8) and DNA polymerase beta (Polb), among other targets. Mutations in this gene cause spinocerebellar ataxia, autosomal recessive 16. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 2.
Form	Cell-Tissue Lysis buffer
Molecular Mass	35 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 STUB1 KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Ubiquitin mediated proteolysis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	STUB1 STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	STUB1
Synonyms	STUB1; STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase; STIP1 homology and U box containing protein 1; E3 ubiquitin-protein ligase CHIP; CHIP; HSPABP2; NY CO 7; SDCCAG7; UBOX1; antigen NY-CO-7; CLL-associated antigen KW-8; serologically defined colon cancer antigen 7; STIP1 homology and U box-containing protein 1; carboxy terminus of Hsp70-interacting protein; heat shock protein A binding protein 2 (c-terminal); NY-CO-7;
Gene ID	10273
mRNA Refseq	NM_005861
Protein Refseq	NP_005852
MIM	607207

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UniProt ID

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