

Recombinant Full Length Human STUB1 Protein, C-Flag-tagged

Cat. No. STUB1-1597HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human STUB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.7 kDa
AA Sequence	MKGKEEKEGGARLGAGGGSPEKSPSAQELKEQGNRLFVGRKYPEAAACYGRAITR NPLVAVYYTNRALC YLKMQQHEQALADCRRALELDGQSVKAHFFLGQCQLEMESY DEAIANLQRAYSLAKEQRLNFGDDIPSA LRIAKKKRWNSIEERRIHQESLHSYLSRLI AAERERELEECQRNHEGDEDDSHVRAQQACIEAKHDKY MADMDELFSQVDEKRK KRDIPDYLCGKISFELMREPCITPSGITYDRKDIEEHLQRVGHFDPVTRSPLT QEQLIPNLAMKEVIDAFISENGWVEDYSGPTRTRPLEQKLISEEDLAANDILDYKDDD

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	DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

Gene Name	STUB1 STIP1 homology and U-box containing protein 1 [Homo sapiens (human)]
Official Symbol	STUB1
Synonyms	CHIP; SCA48; UBOX1; SCAR16; HSPABP2; NY-CO-7; SDCCAG7
Gene ID	10273
mRNA Refseq	NM_005861.4

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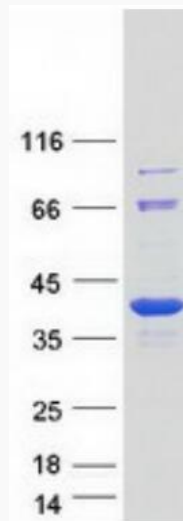
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Protein Refseq NP_005852.2

MIM 607207

UniProt ID Q9UNE7



Coomassie blue staining of purified STUB1 protein.

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