

Product datasheet for **TP300310**

STUB1 (NM_005861) Human Recombinant Protein

Product data:

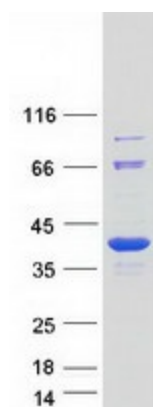
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human STIP1 homology and U-box containing protein 1 (STUB1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC200310 Blue=ORF Red=Cloning site Green=Tag(s) MKGKEEKEGGARLGAGGGSPKSPSAQELKEQGNRLFVGRKYPEAAACYGRAITRNPLVAVYYTNRALC YLKMQQHEQALADCRRALDQGQSVKAHFFLGQCQLEMESYDEAIANLQRAYSLAKEQRLNFGDDIPSA LRIAKKKRWNSIEERRIHQESLHYSLSRLIAAERERELEECQRNHEGDEDDSHVRAQQACIEAKHDKY MADMDELFSQVDEKRKKRDIPDYLCGKISFELMREPCITPSGITYDRKDIEEHLQRVGHFDPVTRSPLT QEQLIPNLAMKEVIDAFISENGWVEDY SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
	Recombinant protein using RC200310 also available, TP300310
Tag:	C-Myc/DDK
Predicted MW:	34.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005852



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Locus ID:	10273
UniProt ID:	Q9UNE7
RefSeq Size:	1650
Cytogenetics:	16p13.3
RefSeq ORF:	909
Synonyms:	CHIP; HSPABP2; NY-CO-7; SCA48; SCAR16; SDCCAG7; UBOX1
Summary:	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. [provided by RefSeq, Jun 2014]
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified STUB1 protein (Cat# TP300310). The protein was produced from HEK293T cells transfected with STUB1 cDNA clone (Cat# [RC200310]) using MegaTran 2.0 (Cat# [TT210002]).