

Recombinant Human STUB1

Cat. No. STUB1-30459TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-303 of Human STUB1, 34.8kDa.
Species	Human
Source	E.coli
ProteinLength	1-303 a.a.
Description	STUB1, or CHIP, is a ubiquitin ligase/cochaperone that participates in protein quality control by targeting a broad range of chaperone protein substrates for degradation (Min et al.
Tissue specificity	Highly expressed in skeletal muscle, heart, pancreas, brain and placenta. Detected in kidney, liver and lung.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 5mM DTT, 20mM Tris HCl, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MKGKEEKEGG ARLGAGGGSP EKSPSAQELK EQGNRLFVGR KYPEAAACYG RAITRNPLVA VYYTNRALCY LKMQQHEQAL ADCRRALELD GQSVKAHFFL GQCQLEMESY DEAIANLQRA YSLAKEQRLN FGDDIPSALR IAKKKRWNSI EERRIHQESE LHSYLSRLIA AERERELEEC QRNHEGDEDD SHVRAQQACI EAKHDKYMAD MDELFSQVDE KRKKRDIPDY LCGKISFELM REPCITPSGI TYDRKDIEEH LQRVGHFDPV TRSPLTQEQL IPNLAMKEVI DAFISENGWV EDY
Sequence Similarities	Contains 3 TPR repeats.Contains 1 U-box domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	STUB1 STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase [Homo sapiens]
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;
Gene ID	10273
mRNA Refseq	NM_005861
Protein Refseq	NP_005852
MIM	607207

Uniprot ID	Q9UNE7
Chromosome Location	16p13.3
Pathway	Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem;
Function	Hsp70 protein binding; Hsp90 protein binding; SMAD binding; TPR domain binding; enzyme binding;