

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

MKGKKEKEGG 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](#)

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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;

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