

## Recombinant Human STUB1

**Cat. No.** STUB1-30458TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human STUB1 fragment, C-terminal.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Tissue specificity</b>	Highly expressed in skeletal muscle, heart, pancreas, brain and placenta. Detected in kidney, liver and lung.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 50mM HEPES/KOH, 50mM Potassium chloride, 5mM DTT, pH 7.0
<b>Storage</b>	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 3 TPR repeats. Contains 1 U-box domain.

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## 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;

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