

## Recombinant Human STUB1 cell lysate

Cat. No. STUB1-1715HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<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., 2008 [PubMed 18411298]).
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	STUB1 STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase [ Homo sapiens ]
<b>Official Symbol</b>	STUB1
<b>Synonyms</b>	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; antigen NY-CO-7; CLL-associated antigen KW-8; serologically defined colon cancer antigen 7; STIP1 homology and U box-containing protein 1; carboxy terminus of Hsp70-interacting protein; heat shock

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protein A binding protein 2 (c-terminal); NY-CO-7;

**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 and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

**Function**

Hsp70 protein binding; Hsp90 protein binding; SMAD binding; TPR domain binding; enzyme binding; kinase binding; ligase activity; misfolded protein binding; protein binding; protein binding, bridging; protein homodimerization activity; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; ubiquitin-ubiquitin ligase activity;

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