



Human STUB1 peptide (DAG-P1208)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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., 2008 [PubMed 18411298]).[supplied by OMIM, Jul 2009]
Specificity	Highly expressed in skeletal muscle, heart, pancreas, brain and placenta. Detected in kidney, liver and lung.
Conjugate	Unconjugated
Sequence Similarities	Contains 3 TPR repeats.Contains 1 U-box domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	STUB1 STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	STUB1
Synonyms	STUB1; STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase; CHIP; UBOX1; HSPABP2; NY-CO-7; SDCCAG7; E3 ubiquitin-protein ligase CHIP; 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 protein A binding protein 2 (c-terminal);
Entrez Gene ID	10273

mRNA Refseq	NM_005861.2
Protein Refseq	NP_005852.2
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 and presentation, organism-specific biosystem; Disease, organism-specific biosystem; Downregulation of TGF-beta receptor signaling, organism-specific biosystem; Immune System, organism-specific
Function	Hsp70 protein binding; Hsp90 protein binding; SMAD binding; TPR domain binding; enzyme binding; kinase binding; misfolded protein binding; protein binding; protein binding, bridging; protein homodimerization activity; ubiquitin protein ligase binding; ubi