

Recombinant Human WWP1, FLAG-tagged

Cat. No. WWP1-31531TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human WWP1 with N terminal Flag tag; MWt 106kDa.
Species	Human
Source	Insect Cells
ProteinLength	921 amino acids
Description	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. The encoded protein belongs to a family of NEDD4-like proteins, which are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. Alternative splicing of this gene generates at least 6 transcript variants; however, the full length nature of these transcripts has not been defined.
Conjugation	FLAG
Molecular Weight	106.000kDa inclusive of tags
Form	Liquid
Storage buffer	pH: 8.00Constituents:20% Glycerol, 0.58% Sodium chloride, 0.395% Tris HCl, 0.05%

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Tween, 0.0462% DTTNote: 103 µg/ml FLAG peptide

Storage Store at -80°C

GENE INFORMATION

Gene Name WWP1 WW domain containing E3 ubiquitin protein ligase 1 [Homo sapiens]

Official Symbol WWP1

Synonyms WWP1; WW domain containing E3 ubiquitin protein ligase 1; NEDD4-like E3 ubiquitin-protein ligase WWP1; AIP5; DKFZP434D2111;

Gene ID 11059

mRNA Refseq NM_007013

Protein Refseq NP_008944

MIM 602307

Uniprot ID Q9H0M0

Chromosome Location 8q21

Pathway Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

Function acid-amino acid ligase activity; ligase activity; protein binding; ubiquitin-protein ligase

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activity; ubiquitin-protein ligase activity;

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