

Recombinant Human WWP1, GST-tagged

Cat. No. WWP1-477H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WWP1, amino acids 2-end with N-terminal FLAG tag expressed in Sf9 expression system. MW = 106kDa.
Species	Human
Source	Sf9 Cells
Protein Length	2-end a.a.
Description	NEDD4-like E3 ubiquitin-protein ligase WWP1 is an enzyme that in humans is encoded by the WWP1 gene. 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.
Purity	>15%.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
Stability	>6 months at -80°C.

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GENE INFORMATION

Gene Name	WWP1 WW domain containing E3 ubiquitin protein ligase 1 [Homo sapiens]
Synonyms	WWP1; WW domain containing E3 ubiquitin protein ligase 1; AIP5; Tiul1; hSDRP1; DKFZp434D2111; WW domain containing E3 ubiquitin protein ligase 1; atrophin-1 interacting protein 5; TGIF-interacting ubiquitin ligase 1; Nedd-4-like ubiquitin-protein ligase
Gene ID	11059
mRNA Refseq	NM_007013
Protein Refseq	NP_008944
MIM	602307
UniProt ID	Q9H0M0
Chromosome Location	8q21
Pathway	Endocytosis; Ubiquitin mediated proteolysis
Function	acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity; protein binding

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