

Recombinant Human WWP1, GST-tagged

Cat. No. WWP1-75H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human WWP1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	WWP1 or WW domain containing E3 ubiquitin protein ligase 1 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. WWP1 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. WWP1 negatively regulates TGF-beta signaling by directing the degradation of active components of the TGF-beta network. Wwp1 and Ubc18 function to ubiquitinate substrates that regulate longevity induced by diet restriction.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~160 kDa
Purity	>70% by densitometry.
Applications	Western Blot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.05 µg/µl
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; WW domain-containing protein 1; atrophin-1 interacting protein 5; atrophin-1-interacting protein 5; TGIF-interacting ubiquitin ligase 1; Nedd-4-like ubiquitin-protein ligase; Tiul1; hSDRP1; DKFZp434D2111;
Gene ID	11059
mRNA Refseq	NM_007013
Protein Refseq	NP_008944
MIM	602307
UniProt ID	Q9H0M0
Chromosome Location	8q21

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Downregulation of ERBB4 signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem;
Function	acid-amino acid ligase activity; ligase activity; protein binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA