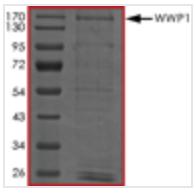
WWP1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	WWP1, Recombinant Protein
Full Product Name	WWP1 Protein
Product Gene Name	WWP1 recombinant protein
Product Synonym Names	AIP5; Tiul1; hSDRP1
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Preparation and Storage	Store product at -70 degree C. 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.
Molecular Weight	~160kDa
Tag	GST
Species	Human
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for WWP1 recombinant protein	Ubiquitin Proteins; Cancer; Cardiovascular Disease; Cell Cycle
Applications Tested/Suitable for WWP1 recombinant protein	Western Blot (WB)
Related Product Information for WWP1 recombinant protein	Recombinant full-length human WWP1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. This gene accession number is NM_007013. 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 (1). 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 (2).
Product References and Citations for WWP1 recombinant protein	1. Flasza, M.et.al: Alternative splicing determines the domain structure of WWP1, a Nedd4 family protein. Biochem. Biophys. Res. Commun. 290: 431-437, 2002. 2. Carrano, A.et.al: A conserved ubiquitination pathway determines longevity in response to diet restriction. Nature 460: 396-399, 2009.
Other Notes	Small volumes of WWP1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for WWP1 purchase	MBS517791 is a recombinant protein targeting WWP1. Also known as WWP1 Protein. Host: Sf9 insect cells.



SDS-Page of WWP1 recombinant protein
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WWP1. It may not necessarily be applicable to this product.

GenBank Nucleotide #	NM_007013
Protein Family	NEDD4-like E3 ubiquitin-protein ligase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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