Active Recombinant Human WWP2 Protein, GST-tagged

Cat. No. WWP2-652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WWP2 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	WWP2 or WW domain containing E3 ubiquitin protein ligase 2 is a member of the Nedd4 family of E3 ligases, which play an important role in protein ubiquitination. WWP2 contains four WW domains and may play a role in multiple processes including chondrogenesis and the regulation of oncogenic signaling pathways via interactions with Smad proteins and the tumor suppressor PTEN. WWP2 is an E3 ubiquitin ligase that targets transcription factor Oct-4 for ubiquitination. WWP2 which is also called AIP2 can bind to atrophin-1.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Bio-activity	53 nmol/min/mg
Molecular Mass	130 kDa
Purity	>90%
Applications	Ubiquitin Enzyme Assay, Western Blot

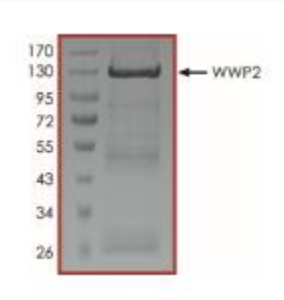
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Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

GENE INFORMATION

Gene Name	WWP2 WW domain containing E3 ubiquitin protein ligase 2 [Homo sapiens]
Official Symbol	WWP2
Synonyms	WWP2; WW domain containing E3 ubiquitin protein ligase 2; NEDD4-like E3 ubiquitin-protein ligase WWP2; AIP2; WW domain-containing protein 2; atrophin-1 interacting protein 2; atrophin-1-interacting protein 2; Nedd-4-like ubiquitin-protein ligase; WWp2-like;
Gene ID	11060
mRNA Refseq	NM_007014
Protein Refseq	NP_008945
MIM	602308
UniProt ID	O00308

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