

Recombinant Human WWP2, GST-tagged

Cat. No. WWP2-240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human WWP2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 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	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	~130 kDa
Purity	>90% by densitometry
Applications	Western Blot
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller

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quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µl

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](#)

Chromosome Location 16q22.1

Pathway Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;

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Function

RNA polymerase II transcription factor binding; RNA polymerase II transcription factor binding; acid-amino acid ligase activity; ligase activity; protein binding; transcription factor binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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