

WWP2 active protein

WWP2, Active Full-length human recombinant protein expressed in Sf9 cells

CATALOG #
AAA73157

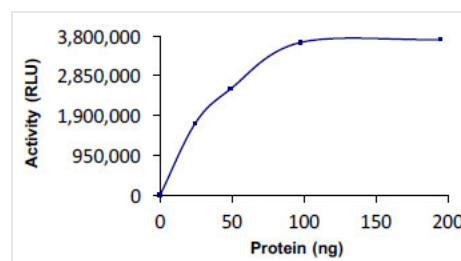
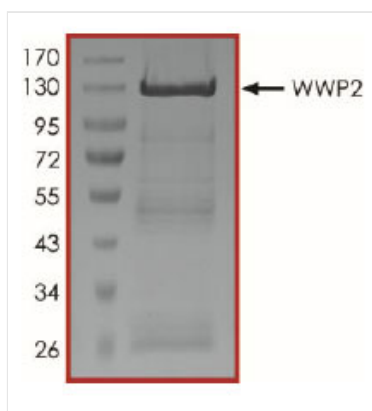
PRODUCT SYNONYMS

WWP2; Active Full-length human recombinant protein expressed in Sf9 cells; WWP2 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>90%
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.2 ug/ul (varies by lot)
Specific Activity	53 nmol/min/mg
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70°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. Shipping: Ships with Dry Ice. Stability: 1yr at -70°C from date of shipment

IMAGES



Specific Activity

The specific activity of WWP2 was determined to be 53 nmol/min/mg as per activity assay protocol.

Purity Data

The purity of WWP2 was determined to be >90% by densitometry, approx. MW 130 kDa.

ADDITIONAL INFORMATION

Related Product Information for WWP2 active protein	Recombinant full-length human WWP2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The WWP2 gene accession number is NM_007014. 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.
References	1. Xu, H.M. et al: Wwp2, an E3 ubiquitin ligase that targets transcription factor Oct-4 for ubiquitination. J. Biol. Chem. 279: 23495-23503, 2004 2. Wood, J.D. et al: Atrophin-1, the DRPLA gene product, interacts with two families of WW domain-containing proteins. Mol. Cell. Neurosci. 11: 149-160, 1998

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_007014
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/active-protein/wwp2/73157>