

Product datasheet

Recombinant Human WWP1 protein ab95931

1 Image

Description

Product name	Recombinant Human WWP1 protein
Purity	> 15 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected insect cells
Accession	<u>Q9H0M0</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	106 kDa including tags
Amino acids	2 to 922
Tags	DDDDK tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab95931** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride 103 µg/ml FLAG peptide
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General Info

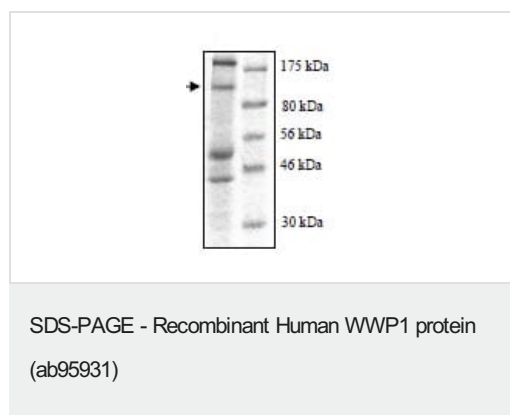
Relevance

WWP1 is an E3 ubiquitin ligase and belongs to a family of NEDD4-like proteins. WWP1 contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. WW domain-containing proteins 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. The HECT domain of WWP1 has been implicated in regulating the localization and stability of p53 – inhibition of WWP1 results in a decrease in p53 expression, whilst WWP1 mediated stabilization of p53 appears to be associated with an accumulation of cytoplasmic p53. WWP1 also negatively regulates the TGF beta tumor suppressor pathway by inactivating its molecular components (SMAD2, SMAD4 and TGFbetaR1). WWP1 has been implicated in both breast and prostate cancers.

Cellular localization

Cell Membrane, Cytoplasmic and Nuclear

Images



10% SDS-PAGE showing ab95931 at approximately 106kDa (1µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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