

AR50528PU-S

Human WBP2 (1-261, His-tag) - Purified

Alternate names:

WBP-2, WW domain-binding protein 2

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

WBP2 (WW domain-binding protein 2) is a steroid hormone receptor coactivator. This protein contains 1 GRAM domain. The globular WW domain is composed of 38 to 40 semiconserved amino acids shared by proteins of diverse functions including structural, regulatory, and signaling proteins. The domain is involved in mediating protein-protein interactions through the binding of polyproline ligands. It binds to the WW domain of Yes kinase-associated protein(YAP1) by its PY motifs. The WW-binding 1 motif mediates interaction with NEDD4.

Uniprot ID:

[Q969T9](#)

NCBI:

[NP_036610](#)

GeneID:

[23558](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

Description:

Recombinant human WBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMLNKNH SEGSGVIVNN TESILMSYDH VELTFNDMKN
VPEAFKGTKK GTVYLTPYRV IFLSKGKDAM QSFMPFYLM KDCEIKQPVF GANYIKGTVK
AEAGGGWEGS ASYKLTFTAG GAIEFGQRLM QVASQASRGE VPSGAYGYSY MPAGAYVYPP
PVANGMYPCP PGYPYPPPPP EFYPGPPMMD GAMGYVQPPP PPYPGPMEPP VSGPDVPSTP
AAEAKAAEAA ASAYYNPGNP HNVYMPTSQP PPPPYPPED KKTQ

Molecular weight: 30.5 kDa (284aa), confirmed by MALDI-TOF(Molecular weight on SDS-PAGE will appear higher)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Chen H.I., et al. (1997) J. Biol. Chem. 272:17070-17077 Pirozzi G., et al. (1997) J. Biol. Chem. 272:14611-14616

Pictures:

