

**WBP2, 1-261aa, Human, His tag, E.coli**

**Cat.NO.: TP04494**

3th Edition

**Synonyms:**WW domain binding protein 2, WBP-2

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

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMALNKNHSEGGGVIVNNTESILMSYDHVELTFNDMKNVPEAFKGTKKGTVY  
LTPYRVIFLSKGDAMQSFMPFYLMKDCEIKQPVFGANYIKGTVKAEEAGGGWEGSASYKLTFTAGGAIEFGQRML  
QVASQASRGEVPSGAYGYSYMPGAYVYPPPVANGMYPCPPGYPPPPPEFYPGPPMMDGAMGYVQPPPPPY  
PGPMEPPVSGPDVPSTPAEAKAAEAAASAYYNPGNPHNVYMPTSQPPPPPYPPEDKKTQ

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.