

WBP2 Human

Description:WBP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 284 amino acids (1-261) and having a molecular mass of 30.5 kDa. WBP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1215

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

For research use only.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMLNKNH SEGGGVIVNN
TESILMSYDH VELTFNDMKN VPEAFKGTCK GTVYLTPYRV IFLSKGKDAM QSFMMPFYLM
KDCEIKQPVF GANYIKGTVK AEAGGGWEGS ASYKLTFTAG GAIEFGQRML QVASQASRGE
VPSGAYGYSY MSPGAYVYPP PVANGMYPYCP PGYPYPPPPP EFYPGPPMMD GAMGYVQPPP
PPYPGPMEPP VS

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

The WBP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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

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