
Product Data Sheet

Product Name: WBP2 Human
 Cat. No.: GP25010
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	WW domain binding protein 2; WBP-2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMALNKNH SEGGGVIVNN TESILMSYDH VELTFNDMKN VPEAFKGTKK GTVYLTPYRV IFLSKGKDAM QSFMMPFYLM KDCEIKQPVF GANYIKGTVK AEAGGGWEGS ASYKLTFTAG GAIEFGQRML QVASQASRGE VPSGAYGYSY MPSGAYVYPP PVANGMYPYCP PGYPYPPPPP EFYPGPPMMD GAMGYVQPPP PPYPGPMEPP VSGPDVPSTP AAEAKAAEAA ASAYNPGNP HNVYMPTSQP PPPPYYPED KKTQ		
Formulation	The WBP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

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.

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.

Background

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

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amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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