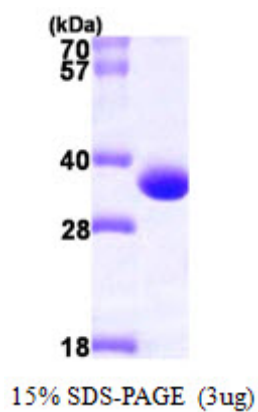


AR09730PU-L

Human MAWBP (1-288, His-tag) - Purified

Alternate names:	PBLD, Phenazine biosynthesis-like domain-containing protein, Unknown protein 32 from 2D-page of liver tissue
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	PBLD, also known as MAWBP, is a phenazine biosynthesis-like protein (PhzF) family. Expressed in most tissues, PBLD is the only representative of the PhzF family in the human genome. It is participate in the MAPK signaling pathway. Involved in multiple basic cellular functions, expression of PBLD is elevated in several disease processes, including Insulin resistance, folate deficiency and hypotension.
Uniprot ID:	P30039
NCBI:	NP_071412
GeneID:	64081
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl
Description:	Recombinant human PBLD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MKLPIFIADA FTARAFRGNP AAVCLLENEL DEDMHQKIAR EMNLSETAFI RKLHPTDNFA QSSCFGLRWF TPASEVPLCG HATLASAAVL FHKIKNMNST LTFVTLSGEL RARRAEDGIV LDLPLYPAHP QDFHEVEDLI KTAIGNTLVQ DICYSPDTQK LLVRLSDVYN RSFLENLKVN TENLLQVENT GKVKGILITL KGEPGGQTQA FDFYSRYFAP WVGVAEDPVT GSAHAVLSSY WSQHLGKKEM HAFQCSHRGG ELGISLRPDG RVDIRGGAHV VLEGTLLTA Molecular weight: 33.9 kDa (308aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Mavrodi DV., et al. (2004) Acta Crystallogr D Biol Crystallogr. 60(1):184-6. Parsons JF., et al. (2004) Biochemistry. 43(39):12427-35.

Pictures:



Recombinant human PBLD, 1-288 aa, His-tagged

