

## Product datasheet for **AR09730PU-N**

### MAWBP (1-288, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MAWBP (1-288, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> 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 RVDIRGGA AV VLEGLTA
Tag:	His-tag
Predicted MW:	33.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PBLD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001028255</u>
Locus ID:	64081
UniProt ID:	<u>P30039</u>
Cytogenetics:	10q21.3
Synonyms:	HEL-S-306; MAWBP; MAWDBP



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**Summary:**

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.

**Product images:**