

Recombinant Human PBLD protein, His-tagged

Cat. No. PBLD-804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PBLD(1-288aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-288 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Molecular Mass	33.9 kDa (308aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MKLPIFIADA FTARAFRGNP AAVCLLENEL DEDMHQKIAR EMNLSETAFI RKLHPTDNFA QSSCFGLRWFTPASEVPLCG HATLASAAVL FHKIKNMNST LTFVTLSGEL RARRAEDGIV LDLPLYPAHP QDFHEVEDLI KTAIGNTLVQ DICYSPDTQKLLVRLSDVYN RSFLENLKVN TENLLQVENT GKVKGILITL KGEPGGQTQA FDFYSRYFAP WVGVAEDPVT

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GSAHAVLSSY WSQHLGKKEMHAFQCShrGG ELGISLRPDG RVDIRGGAAV
VLEGLTA

Purity >95% by SDS - PAGE

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

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PBLD phenazine biosynthesis-like protein domain containing [Homo sapiens]

Official Symbol PBLD

Synonyms PBLD; phenazine biosynthesis-like protein domain containing; phenazine biosynthesis-like domain-containing protein; FLJ14767; MAWBP; MAWD binding protein; MAWDBP; MAWD-binding protein; FLJ35507;

Gene ID 64081

mRNA Refseq NM_022129

Protein Refseq NP_071412

MIM 612189

UniProt ID P30039

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Chromosome Location	10q21.3
Function	isomerase activity; molecular_function;

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