

Recombinant Human PBLD, His-tagged

Cat. No. PBLD-30790TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human PBLD with a N terminal His tag; total protein length 308 aa including tag; predicted molecular weight 33.9 kDa.
Species	Human
Source	E.coli
ProteinLength	288 amino acids
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.
Conjugation	HIS
Molecular Weight	33.900kDa
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0% None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMKLPIFIADAFTARAFRGNPAAVCLLENELDEDMHQ
 KIAREMNLSETAFIRKLHPTDNFAQSSCFGLRWFTPASEVPLCGHATLASAAVLFHKI
 KNMNSTLTFVTLSGELRARRAEDGIVLDLPLYPAHPQDFHEVEDLIKTAIGNTLVQDIC
 YSPDTQKLLVRLSDVYNRSFLENLKVNTENLLQVENTGKVKGLILTLKGEPGGQTQA
 FDFYSRYFAPWVGVAEDPVTGSAHAVLSSYWSQHLGKKEMHAFQCShrGGELGIS
 LRPDGRVDIRGGAAVVLEGLTA

Sequence Similarities

Belongs to the phzF family.

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;

Gene ID

64081

mRNA Refseq

NM_001033083

Protein Refseq

NP_001028255

MIM

612189

Uniprot ID

P30039

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

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