

PBLD Protein, Human, Recombinant (His)

General Information

Synonyms:	MAWBP;MAWD-Binding Protein;PBLD;MAWDBP;Unknown Protein 32 From 2D-PAGE of Liver Tissue;Phenazine Biosynthesis-Like Domain-Containing Protein
Protein Construction:	Met1-Ala288
Species:	Human
Expression Host:	E. coli
Accession:	P30039
Molecular Weight:	30 KDa (reducing condition)
AA Sequence:	Met1-Ala288

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, 30% Glycerol, pH 8.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Phenazine Biosynthesis-Like Domain-Containing protein (PBLD) belongs to the phenazine biosynthesis-like protein (PhzF) family, which is expressed in most tissues. PBLD takes part in the MAPK signaling pathway, and is involved in multiple basic cellular functions. The expression of PBLD can be increased in several disease processes, including insulin resistance, folate deficiency and hypotension.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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