



Recombinant Protein Technical Manual

Recombinant Human PBLD/MAWBP Protein (His Tag)

RPES1314

Product Data:

Product SKU: RPES1314

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P30039

Protein Information:

Molecular Mass: 34.0 kDa

AP Molecular Mass: 30 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, 1mM DTT, 30% Glycerol, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Phenazine Biosynthesis-Like Domain-Containing Protein; MAWD-Binding Protein; MAWDBP; Unknown Protein 32 From 2D-PAGE of Liver Tissue; PBLD; MAWBP

Immunogen Information:

Sequence: Met 1-Ala288

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.