9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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PBLD Human

Phenazine Biosynthesis-Like Protein Domain Containing Human Recombinant RCP1592

Product Overview

Name	PBLD Human

Description

Phenazine Biosynthesis-Like Protein Domain Containing Human Recombinant

Accession (Primary)	P30039

Synonyms

Phenazine biosynthesis-like domain-containing protein, MAWD-binding protein, Unknown protein 32 from 2D-page of liver tissue, PBLD, MAWBP, MAWDBP, FLJ14767, FLJ35507.

Introduction

PBLD is member of the phenazine biosynthesis-like protein (PhzF) family. PBLD which is expressed in most tissues is the only representative of the PhzF family in the human genome. PBLD participates in the MAPK signaling pathway. PBLD is involved in multiple basic cellular functions, its expression is elevated in several disease processes, including folate deficiency and hypotension.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The PBLD solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MKLPIFIADA FTARAFRGNP AAVCLLENEL DEDMHQKIAR EMNLSETAFI RKLHPTDNFA QSSCFGLRWF TPASEVPLCG HATLASAAVL FHKIKNMNST LTFVTLSGEL RARRAEDGIV LDLPLYPAHP QDFHEVEDLI KTAIGNTLVQ DICYSPDTQK LLVRLSDVYN RSFLENLKVN TENLLQVENT GKVKGLILTL KGEPGGQTQA FDFYSRYFAP WVGVAEDPVT GSAHAVLSSY WSQHLGKKEM HAFQCSHRGG

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ELGISLRPDG RVDIRGGAAV VLEGTLTA.

Precautions

PBLD Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P30039)