9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PEF1 Human

Penta-EF-Hand Domain Containing 1 Human Recombinant
RCP1622

Product Overview

Name	PEF1 Human

Description

Penta-EF-Hand Domain Containing 1 Human Recombinant

Accession (Primary)	Q9UBV8

Synonyms

Peflin, PEF protein with a long N-terminal hydrophobic domain, Penta-EF hand domain-containing protein 1, PEF1, ABP32, PEF1A.

Introduction

Penta-EF-hand domain containing 1 (PEF1) is a member of the penta-EF-hand protein family, which shares similarities to the apoptosis linked gene ALG-2. PEF1 forms heterodimers with PDCD6/ALG2 and dissociates from PDCD6/ALG2 in the presence of Ca (2+). Furthermore, PEF1 proteins bind calcium and participate in a various calcium-dependent processes in vertebrates.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The PEF1 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.2M 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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MASY PYRQGCPGAA GQAPGAPPGS YYPGPPNSGG QYGSGLPPGG GYGGPAPGGP YGPPAGGGPY GHPNPGMFPS GTPGGPYGGA APGGPYGQPP PSSYGAQQPG LYGQGGAPPN VDPEAYSWFQ SVDSDHSGYI SMKELKQALV NCNWSSFNDE TCLMMINMFD KTKSGRIDVY GFSALWKFIQ QWKNLFQQYD RDRSGSISYT ELQQALSQMG YNLSPQFTQL LVSRYCPRSA

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NPAMQLDRFI QVCTQLQVLT EAFREKDTAV QGNIRLSFED FVTMTASRML.

Precautions

PEF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBV8)