9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4429: Recombinant Human Penta-EF-Hand Domain Containing 1

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

Description

Source : Escherichia Coli. PEF1 Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 320 amino acids (1-284 a.a.) and having a molecular mass of 34.5kDa. The PEF1 is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The PEF1 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.2M NaCl.
Storage condition :	PEF1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASY PYRQGCPGAA GQAPGAPPGSYYPGPPNSGG QYGSGLPPGG GYGGPAPGGP YGPPAGGGPY GHPNPGMFPS GTPGGPYGGAAPGGPYGQPP PSSYGAQQPG LYGQGGAPPN VDPEAYSWFQ SVDSDHSGYI SMKELKQALVNCNWSSFNDE TCLMMINMFD KTKSGRIDVY GFSALWKFIQ QWKNLFQQYD RDRSGSISYTELQQALSQMG YNLSPQFTQL LVSRYCPRSA NPAMQLDRFI QVCTQLQVLT EAFREKDTAVQGNIRLSFED FVTMTASRML.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.