

Human PEF1 Recombinant Protein



RPPB4223

Product Information Protein Information

Product SKU:

RPPB4223

Accession:

Q9UBV8

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

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

Purity:

Greater than 85.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

| | | | | |
|----------------------|------------|------------|------------|------------|
| MRGSHHHHHH | GMASMTGGQQ | MGRDLYDDDD | KDRWGSMASY | PYRQGCPGAA |
| GQAPGAPPGSYYPGPPNSGG | QYGSGLPPEG | GYGGPAPGGP | YGPPAGGGPY | GHPNPGMFPS |
| GTPGGPYGGAAPGGPYGQPP | PSSYGAQQPG | LYGQGGAPPN | VDPEAYSWFQ | SVSDHSGYI |
| SMKELKQALVNCNWSSFNDE | TCLMMINMFD | KTKSGRIDVY | GFSALWKFIQ | QWKNLFQQYD |
| RDRSGSISYTELQQALSQMG | YNLSPQFTQL | LVSRYCPRSA | NPAMQLDRFI | QVCTQLQVLT |
| EAFREKDTAVQGNIRLSFED | FVTMTASRML | | | |