

Product datasheet for **AR09845PU-N**

Peflin / PEF1 (1-284, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Peflin / PEF1 (1-284, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASY</u> PYRQGC PGAA GQAPGAPP GS YYPGPPNSGG QYGSGLP PGG GYGGPAPGGP YGPPAGGGPY GHPNPGMFPS GTPGGPYGGA APGGPYGQPP PSSYGAQQPG LYQGGAPPN VDPEAYSWFQ SVDSHSGYI SMKELKQALV NCNWSSFNDE TCLMMINMFD KTKSGRIDVY GFSALWKFIQ QWKNLFQQYD RDRSGSISYT ELQQALSQMG YNLSPQFTQL LVSRYCPRSA NPAMQLDRFI QVCTQLQVLT EAFREKDTAV QGNIRLSFED FVTMTASRML
Tag:	His-tag
Predicted MW:	34.5 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 50% glycerol, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PEF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001346580</u>
Locus ID:	553115
Cytogenetics:	1p35.2
Synonyms:	ABP32; PEF1A



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Summary:

This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. The encoded protein has been shown to form a heterodimer with the programmed cell death 6 gene product and may modulate its function in Ca(2+) signaling. Alternative splicing results in multiple transcript variants and a pseudogene has been identified on chromosome 1. [provided by RefSeq, May 2010]

Product images: