

Recombinant Full Length Human PEF1 Protein, C-Flag-tagged

Cat. No. PEF1-2105HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PEF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30.2 kDa
AA Sequence	MASYPYRQGCPGAAGQAPGAPPGSYYPGPPNSGGQYGSGLPPGGGYGGPAPGG PYGPPAGGGPYGHPNPG MFPSGTPGGPYGGAAPGGPYGQPPPSSYGAQQPGLY GQGGAPPNVDPEAYSWFQSVDSHSGYISMKELK QALVNCNWSSFNDETCLMMI NMFDKTKSGRIDVYGFSA LWKFIQQWKNL FQQYDRDRSGSISYTELQQAL SQMGY NLSPQFTQLLVSRYCPRSANPAMQLDRFIQVCTQLQVLTEAFREKDTAVQGNIRLSF EDFVTMTA SRML TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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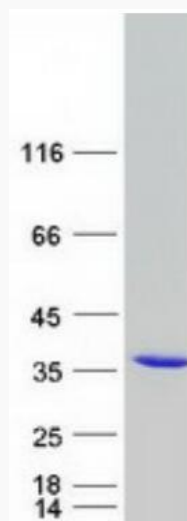
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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.
GENE INFORMATION	
Gene Name	PEF1 penta-EF-hand domain containing 1 [Homo sapiens (human)]
Official Symbol	PEF1
Synonyms	ABP32; PEF1A
Gene ID	553115
mRNA Refseq	NM_012392.4
Protein Refseq	NP_036524.1
MIM	610033
UniProt ID	Q9UBV8

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Coomassie blue staining of purified PEF1 protein.

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