

Recombinant Human Penta-EF-hand Domain Containing 1, T7-tagged

Cat. No. PEFLIN-1555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human penta-EF-hand domain containing 1 was expressed in <i>E. coli</i> Cells. MW = 30kDa.
Species	Human
Source	E.coli
Description	Peflin has a longer N-terminal hydrophobic domain than any other member of the family, and it contains nine nonapeptide (A/PPGGPYGGP) repeats. Western blot analysis demonstrated that peflin (30 kDa) was expressed in various nonadherent and adherent cultured human cell lines, including Jurkat, HL60, HeLa, and HT1080. Peflin may play basic roles in Ca(2+) signaling irrespective of cell types.
Sequence	1-284.
Applications	This recombinant protein can be used for WB, ELISA, MS.
Purity	95%.
Storage	Store at -70°C. As with any protein, exposing PEF recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

GENE INFORMATION

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Gene Name	PEF1 penta-EF-hand domain containing 1 [Homo sapiens]
Synonyms	PEF1; penta-EF-hand domain containing 1; PEF1A; PEFLIN; peflin; PEF protein with a long N-terminal hydrophobic domain; Penta-EF hand domain-containing protein 1; ABP32
Gene ID	553115
mRNA Refseq	NM_012392
Protein Refseq	NP_036524
MIM	610033
UniProt ID	Q9UBV8
Chromosome Location	1p34
Function	calcium ion binding; protein heterodimerization activity

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