

Human PEF1 Knockdown Cell Lysate

Cat. No. PEF1-387HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PEF1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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	Cell-Tissue Lysis buffer
Molecular Mass	30 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PEF1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	PEF1 penta-EF-hand domain containing 1 [Homo sapiens (human)]
Official Symbol	PEF1
Synonyms	PEF1; penta-EF-hand domain containing 1; peflin; PEF1A; penta-EF hand domain containing 1; PEF protein with a long N-terminal hydrophobic domain; ABP32;
Gene ID	553115
mRNA Refseq	NM_012392
Protein Refseq	NP_036524
MIM	610033
UniProt ID	Q9UBV8

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