

Recombinant Human PEBP1, His-tagged

Cat. No. PEBP1-30792TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-187 of Human PBP with N terminal His tag; Predicted MWt 22 kDa.
Species	Human
Source	E.coli
ProteinLength	1-187 a.a.
Description	Phosphatidylethanolamine-binding protein 1 is a protein that in humans is encoded by the PEBP1 gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 106 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MPVDLSKWSGPLSLQEVDQPHPLHVTYAGAAVDELGKV LTPTQVKNRPTSISW DGLDSGKLYTLVLTDPDAPSRKD PKYREWHHFLVVMKGNDISSGTVLSDYVGSG PPKGTG LHRVWVLVYEQDRPLKCDEPILSNRSGDHRGKFKVASF RKKYELRAPVA GTCYQAEWDDYVPKLYEQLSGK

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Sequence Similarities	Belongs to the phosphatidylethanolamine-binding protein family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	PEBP1 phosphatidylethanolamine binding protein 1 [Homo sapiens]
Official Symbol	PEBP1
Synonyms	PEBP1; phosphatidylethanolamine binding protein 1; PBP, prostatic binding protein; phosphatidylethanolamine-binding protein 1; HCNP; hippocampal cholinergic neurostimulating peptide; PEBP; Raf kinase inhibitory protein; RKIP;
Gene ID	5037
mRNA Refseq	NM_002567
Protein Refseq	NP_002558
MIM	604591
Uniprot ID	P30086
Chromosome Location	12q24
Pathway	Aurora B signaling, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

Function

ATP binding; lipid binding; mitogen-activated protein kinase binding; nucleotide binding; peptidase inhibitor activity;

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