

Product datasheet for **AR09265PU-L**

PEBP1 / RKIP (1-187) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PEBP1 / RKIP (1-187) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MPVDLSKWSG PLSLQEVDEQ PQHPLHVTYA GAAVDELGKV LTPTQVKNRP TSISWDGLDS GKLYTLVLTLD PDAPSRKDPK YREWHHFLVW NMKGNDISSG TVLSDYVVGSG PPKGTGLHRY VWLVYEQDRP LKCDEPILSN RSGDHRGKFK VASFRKKYEL RAPVAGTCYQ AEWDDYVPKL YEQLSGK
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% Glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PEBP1 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:	NP_002558
Locus ID:	5037
UniProt ID:	P30086 , D9IAI1
Cytogenetics:	12q24.23
Synonyms:	HCNP; HCNPpp; HEL-210; HEL-S-34; HEL-S-96; BPB; PEBP; PEBP-1; RKIP



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Summary:

This gene encodes a member of the phosphatidylethanolamine-binding family of proteins and has been shown to modulate multiple signaling pathways, including the MAP kinase (MAPK), NF-kappa B, and glycogen synthase kinase-3 (GSK-3) signaling pathways. The encoded protein can be further processed to form a smaller cleavage product, hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in neural development. This gene has been implicated in numerous human cancers and may act as a metastasis suppressor gene. Multiple pseudogenes of this gene have been identified in the genome. [provided by RefSeq, Jul 2015]

Product images: