

Datasheet for ABIN935055
PEBP1 Protein (AA 1-187)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PEBP1
Protein Characteristics:	AA 1-187
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MPVDLSKWSG PLSLQEVDEQ PQHPLHVITYA GAAVDELGKV LTPTQVKNRP TSISWDGLDS GKLYTLVLTDPDAPSRKDPK YREWHHFLVV NMKGNDISSG TVLSDYVVGSG PPKGTGLHRY VWLVEYEQDRP LKCDEPILSN RSGDHRGKFK VASFRKKYEL RAPVAGTCYQ AEWDDYVPKL YEQLSGK
Characteristics:	Purified recombinant Human PEBP1 protein Expression System: E.coli
Purity:	> 95 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

Target:	PEBP1
Alternative Name:	PEBP1 (PEBP1 Products)

Target Details

Background: Phosphatidylethanolamine binding protein 1 (PEBP1), also known as Raf kinase inhibitor protein (RKIP), is a member of the phosphatidylethanolamine-binding protein family and a serine protease inhibitor which inhibits thrombin, neuropsin. PEBP1 plays a pivotal modulatory role in several protein kinase signaling cascades. Protein kinase C (PKC) phosphorylates PEBP1, resulting in release of Raf-1 and activation of MEK and ERK. Expressed in many tissues, PEBP1 is implicated in the regulation of such physiological processes as membrane biosynthesis, spermatogenesis, neural development, and metastasis suppression. Recombinant human PEBP1 was expressed in *E. coli* and purified by using conventional chromatography techniques.

Alternative Names: Neuropolypeptide h3 protein, PEBP 1 protein, Prostatic binding protein protein, Phosphatidylethanolamine binding protein 1 Hippocampal cholinergic neurostimulating peptide protein, PEBP protein, HCNP protein, R kip protein, PEBP1 protein, Phosphatidylethanolamine binding protein protein, PEBP-1, Raf kinase inhibitory protein RKIP., PEBP 1 protein, PEBP-1 protein, PEBP 1, PBP protein, PEBP protein, PEBP1, HCNPpp protein

Molecular Weight: 21 kDa (187 AA)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: PEBP1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT, and 10 % glycerol.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

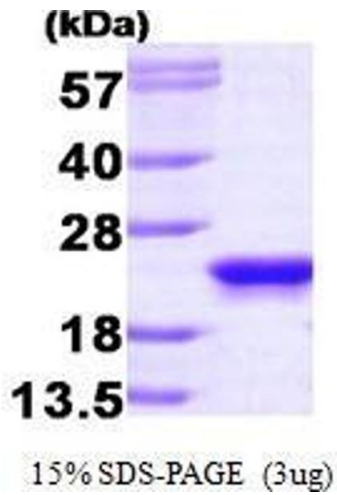
Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Handling

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.

Images



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.