

## Recombinant Mouse Pebp1 Protein, Myc/DDK-tagged

Cat. No. Pebp1-4787M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length phosphatidylethanolamine binding protein 1 (Pebp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. Inhibits the kinase activity of RAF1 by inhibiting its activation and by dissociating the RAF1/MEK complex and acting as a competitive inhibitor of MEK phosphorylation.
<b>Molecular Mass</b>	20.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Pebp1 phosphatidylethanolamine binding protein 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Pebp1](#)

**Synonyms** PEBP1; phosphatidylethanolamine binding protein 1; phosphatidylethanolamine-binding protein 1; HCNPpp; PEBP-1; Raf-1 kinase inhibitor protein; Pbp; HCNP; Pbp1; Pbpr; Rkip; MGC102065; MGC103131

**Gene ID** [23980](#)

**mRNA Refseq** [NM\\_018858](#)

**Protein Refseq** [NP\\_061346](#)

**UniProt ID** [P70296](#)

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