

Recombinant Mouse Pebp1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphatidylethanolamine binding protein 1 (Pebp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	20.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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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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