

**PEBP1, 1-187 aa, Human, Recombinant, E.coli**

**Cat.NO.: TP03342**

---

3th Edition

**Synonyms:**Phosphatidylethanolamine binding protein 1, HCNP, PBP, PEBP.

**Description:**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

**Molecular Weight:**21 kDa (187aa)

**Sequences:**

MPVDLSKWSGPLSLQEVDEQPQHPLHVITYAGAAVDELGKVLTPQTQVKNRPTSISWDGLDSGKLYTLVLTDPDAPS  
RKDPKYREWHHFLVVMKGNDISSGTVLSDYVVGSGPPKGTGLHRYVWLVEQDRPLKCDEPILSNRSGDHRGKF  
KVASFRKKYELRAPVAGTCYQAEWDDYVPKLYEQLSGK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.