

**HEBP1, 1-189aa, Human, His tag, E.coli**

**Cat.NO.: TP02431**

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3th Edition

**Synonyms:**Heme binding protein 1, HBP, HEBP

**Description:**HEBP1 is an intracellular tetrapyrrole-binding protein. HEBP1 includes a natural chemoattractant peptide of 21 amino acids at the N-terminus, which is a natural ligand for formyl peptide receptor-like receptor 2 (FPRL2) and promotes calcium mobilization and chemotaxis in monocytes and dendritic cells. Recombinant human HEBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,30% glycerol, 1mM DTT

**Molecular Weight:**23.5 kDa (212aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSM LGMIKNSLFGSVETWPWQVLSKGDKEEVAYEERACEGGKFATVEVTDKP  
VDEALREAMPKVAKYAGGTNDKGIGMGMTVPISFAVFPNEDGSLQKKLVWFRIPNQFQSDPPAPSDKSVKIEERE  
GITVYSMQFGGYAKEADYVAQATRLRAALEGTATYRGDIYFCTGYDPPMKPYGRRNEIWLLKT

**Purity:**> 95% by HPLC

**Concentration:**0. 5 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.