

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

Cat.NO.: TP02431

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 (FRL2) 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:

MGSSHHHHHSSGLVPRGSHMGSMGLGMIKNSLFGSVETWPWQVLSKGDKEEVAYEERACEGGKFATVEVTDKP
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.