

## Recombinant Human HEBP1, His-tagged

Cat. No. HEBP1-7070H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human HEBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-189aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,30% glycerol, 1mM DTT
<b>Molecular Mass</b>	23.5 kDa (212aa)
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMLGMIKN SLFGSVETWP WQVLSKGDKE EVAYEERACE GGK FATVEVT DKPVDEALRE AMPKVAKYAGGTNDKGIGMG MTVPISFAVF PNEDGSLQKK LKVFWRIPNQ FQSDPPAPSD KSVKIEEREG ITVYSMQFGG YAKEADYVAQ ATRLRAALEG TATYRGDIYF CTGYDPPMKP YGRRNEIWLL KT

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<b>Purity</b>	>90% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml

## GENE INFORMATION

<b>Gene Name</b>	HEBP1 heme binding protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	HEBP1
<b>Synonyms</b>	HEBP1; heme binding protein 1; heme-binding protein 1; HBP; HEBP; p22HBP;
<b>Gene ID</b>	<a href="#">50865</a>
<b>mRNA Refseq</b>	<a href="#">NM_015987</a>
<b>Protein Refseq</b>	<a href="#">NP_057071</a>
<b>MIM</b>	<a href="#">605826</a>
<b>UniProt ID</b>	<a href="#">Q9NRV9</a>
<b>Chromosome Location</b>	12p13.2
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Formyl peptide receptors bind formyl peptides and many other ligands, organism-specific biosystem;

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G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

**Function**

binding; heme binding;

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