

Recombinant Human HEBP1, His-tagged

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

SPECIFICATION

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

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	1 mg/ml
GENE INFORMATION	
Gene Name	HEBP1 heme binding protein 1 [Homo sapiens]
Official Symbol	HEBP1
Synonyms	HEBP1; heme binding protein 1; heme-binding protein 1; HBP; HEBP; p22HBP;
Gene ID	50865
mRNA Refseq	NM_015987
Protein Refseq	NP_057071
MIM	605826
UniProt ID	Q9NRV9
Chromosome Location	12p13.2
Pathway	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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