

Recombinant Human HEBP1, GST-tagged

Cat. No. HEBP1-13723H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human HEBP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-189a.a.

Description The full-length protein encoded by this gene is an intracellular tetrapyrrole-binding protein. This protein 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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name HEBP1 heme binding protein 1 [Homo sapiens]

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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; 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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