

HEBP1 recombinant protein

HEBP1, 1-189aa, Human, His tag, E Coli

CATALOG # AAA48819	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

HEBP1; 1-189aa; Human; His tag; E Coli; Heme binding protein 1; HBP; HEBP; HEBP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MGSMLGMIKN SLFGSVETWP WQVLSKGDKE EVAYEERACE GGKFATVEVT DKPVDEALRE AMPKVAKYAG GTNDKGIGMG MTPISFAVF PNEDGSLQKK LKVWFRIPNQ FQSDPPAPSD KSVKIEEREG ITVYSMQFGG YAKEADYVAQ ATRLRAALEG TATYRGDIYF CTGYDPPMKP YGRRNEIWLL KT
Sequence Length	189
Applicable Applications for HEBP1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HEBP1 recombinant protein	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.
Product Categories/Family for HEBP1 recombinant protein	Metabolism
References	Devosse,T., et al. (2011) J. Immunol. 187 (3), 1475-1485; Micaelo,N.M., et al. (2010) J. Mol. Graph. Model. 29 (3), 396-405;

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336761
NCBI GeneID	50865
NCBI Accession #	NP_057071
NCBI GenBank Nucleotide #	NM_015987.4
UniProt Accession #	Q9NRV9; Q9Y5Z5; A8K1G2
Molecular Weight	23.5 kDa (212aa), confirmed by MALDI-TOF
NCBI Official Full Name	heme-binding protein 1
NCBI Official Synonym Full Names	heme binding protein 1
NCBI Official Symbol	HEBP1
NCBI Official Synonym Symbols	HBP; HEBP
NCBI Protein Information	heme-binding protein 1
UniProt Protein Name	Heme-binding protein 1
UniProt Gene Name	HEBP1
UniProt Synonym Gene Names	HBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hebp1-recombinant-protein-e-coli-sds-page/48819>