

## HEBP1 Human

**Description:**HEBP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-189 a.a.) and having a molecular mass of 23.5kDa.HEBP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1323

For research use only.

**Synonyms:**Heme-binding protein 1, p22HBP, HEBP1, HBP, HEBP.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMLGMIKN SLFGSVETWP  
WQVLSKGDKE EVAYEERACE GGKVFATVEVT DKPVDEALRE AMPKVAKYAG GTNDKGIGMG  
MTVPISFAVF PNEDGSLQKK LKVVFRIPNQ FQSDPPAPSD KSVKIEEREG ITVYSMQFGG  
YAKEADYVAQ ATRLRAALEG TATYRGDIYF CTGYDPPMKP YGRRNEIWLL KT.

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

HEBP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Heme Binding Protein 1 (HEBP1) is an intracellular tetrapyrrole-binding protein. HEBP1 is comprised of 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 stimulates calcium mobilization and chemotaxis in monocytes and dendritic cells.

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