
Product Data Sheet

Product Name: HEBP1 Human
 Cat. No.: GP23627
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Heme-binding protein 1; p22HBP; HEBP1; HBP; HEBP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMLGMIKN SLFGSVETWP WQVLSKGDKE EVAYEERACE GKFATVEVT DKPVDEALRE AMPKVAKYAG GTNDKGIGMG MTPISFAVF PNEDGSLQKK LKVFWRIPNQ FQSDPPAPSD KSVKIEEREG ITVYSMQFGG YAKEADYVAQ ATRLRAALEG TATYRGDIYF CTGYDPPMKP YGRRNEIWLL KT.		
Formulation	HEBP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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