

Recombinant Human HBM Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HBM-5219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HBM MS Standard C13 and N15-labeled recombinant protein (NP_001003938) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'- zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. This gene has an ORF encoding a 141 aa polypeptide which is similar to the delta globins found in reptiles and birds. This locus was originally described as a pseudogene; however, it is currently thought to be a protein-coding gene.
Molecular Mass	15.6 kDa
AA Sequence	MLSAQERAQIAQVWDLIAGHEAQFGAELLRLFTVYPSTKVYFPHLSACQDATQLLS HGQRMLAAVGAAVQHVDNLRAALSPLADLHALVLRVDPANFPLLIQCFHVVLASHLQ DEFTVQMQAAWDKFLTGVAVVLTEKYRTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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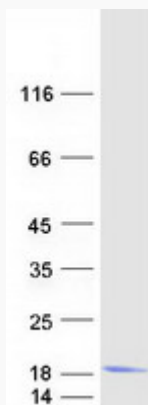
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	HBM hemoglobin subunit mu [Homo sapiens (human)]
Official Symbol	HBM
Synonyms	hemoglobin, mu; 4826; Ensembl:ENSG00000206177; hemoglobin subunit mu;mu-globin;hemoglobin mu chain;alpha globin pseudogene 2;hemoglobin, alpha pseudogene 2; HBAP2
Gene ID	3042
mRNA Refseq	NM_001003938
Protein Refseq	NP_001003938
MIM	609639
UniProt ID	Q6B0K9

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SDS-PAGE

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