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Product datasheet for TP307833L

HBM (NM_001003938) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hemoglobin, mu (HBM), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207833 protein sequence Red=Cloning site Green=Tags(s) MLSAQERAQIAQVWDLIAGHEAQFGAELLLRLFTVYPSTKVYFPHLSACQDATQLLSHGQRMLAAVGAAV QHVDNLRAALSPLADLHALVLRVDPANFPLLIQCFHVVLASHLQDEFTVQMQAAWDKFLTGVAVVLTEKY R TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	15.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001003938
Locus ID:	3042
UniProt ID:	Q6B0K9
RefSeq Size:	524

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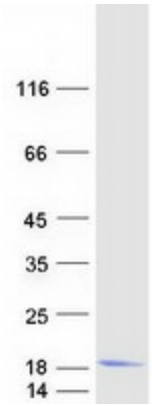
Cytogenetics: 16p13.3

RefSeq ORF: 423

Synonyms: HBAP2; HBK

Summary: 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified HBM protein (Cat# [TP307833]). The protein was produced from HEK293T cells transfected with HBM cDNA clone (Cat# [RC207833]) using MegaTran 2.0 (Cat# [TT210002]).