

## Product datasheet for **TP307833M**

### HBM (NM\_001003938) Human Recombinant Protein

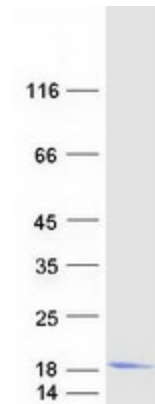
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hemoglobin, mu (HBM), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207833 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLSAQERAQIAQVWDLIAGHEAQFGAELLRLFTVPSTKVYFPHLSACQDATQLLSHGQRMMLAAVGAAY            QHVDNLRAALSPLADLHALVLRVDPANFPLLIQCFHVVLASHLQDEFTVQMQAAWDKFLTGVAVVLTEKY            R</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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:	<u><a href="#">NP_001003938</a></u>
Locus ID:	3042
UniProt ID:	<u><a href="#">Q6B0K9</a></u>
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]).