

Product datasheet for SC321972

HBM (NM_001003938) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HBM (NM_001003938) Human Untagged Clone
Tag:	Tag Free
Symbol:	HBM
Synonyms:	HBAP2; HBK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for SC321972</p> <p>CGGCGCCATGCTCAGCGCCAGGAGCGGCCAAATCGCGCAGGTCTGGGACCTGATTGC GGGCCACGAGGCGCAATTCGGGGCGGAGCTGCTGCTCAGGCTCTTCACGGTGTACCCAG CACCAAGGTCTACTTCCCGCACCTGAGCGCCTGCCAGGACGCGACGCAGCTGCTGAGCCA CGGGCAGCGCATGCTGGCGGCTGTGGGCGCGCGGTGCAGCACGTGGACAACCTGCGCGC CGCGCTGAGCCCGCTGGCGGACCTGCACGCGCTCGTGCTGCGCGTGGACCCAGCCAACTT TCCGCTGCTAATCCAGTGTTCACGTCGTGCTGGCCTCCACCTGCAGGACGAGTTCAC CGTGCAAATGCAAGCGCGTGGGACAAGTTCCTGACTGGTGTGGCCGTGGTGCTGACCGA AAAATACCGCTGAGCCCTGTGCTGCGCAGGCCTTGGTCTGTGCCTGTCAATAACAGAGG CCCGAACCATCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</p>
Restriction Sites:	Please inquire
ACCN:	NM_001003938
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).


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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001003938.3, NP_001003938.1

RefSeq Size: 524 bp

RefSeq ORF: 426 bp

Locus ID: 3042

UniProt ID: Q6B0K9

Cytogenetics: 16p13.3

Gene 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]