



# Recombinant Human Hemoglobin subunit mu (HBM)

<b>Product Code</b>	CSB-EP734917HU-B
<b>Abbreviation</b>	HBM
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6B0K9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLSAQERAQI AQVWDLIAGH EAQFGAELLL RLFTVYPSTK VYFPHLSACQ DATQLLSHGQ RMLAAVGA AV QHVDNLRAAL SPLADLHALV LRVDPANFPL LIQCFHVVLA SHLQDEFTVQ MQAAWDKFLT GVAVVLTEKY R
<b>Source</b>	E.coli
<b>Target Names</b>	HBM
<b>Protein Names</b>	Recommended name: Hemoglobin subunit mu Alternative name(s): Hemoglobin mu chain Mu-globin
<b>Expression Region</b>	1-141
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.