

Recombinant Sperm Whale Hemoglobin HBA&HBB Protein

Cat. No. HB-01W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sperm Whale Hemoglobin HBA&HBB Protein without tag was expressed in E. coli.
Species	Whale
Source	E.coli
Description	Haemoglobin, the red pigment in blood, consists of a protein component and the iron complex of a porphyrin derivative: haemoglobin = globin (protein) + haemochromogen (Fe (II) complex).
Molecular Mass	HBA: 16.2 kDa HBB: 18.2 kDa
AA Sequence	HBA: MVLSPADKTNVKAAWAKVGNHAADFGAEALERMFMSPSTKTYFSHFDLGH NSTQVKGHGKKVADALTKAVGHLDLTPDALSDLHAHKLRVDPVNFKLLSHCLLV TLAAHLPGDFTPSVHASLDKFLASVSTVLTSKYRHHHHHH HBB: MVHLTGEESGLTALWAKVNVEEIGGEALGRLLVVYPWTQRFFEHFGDLSA DAVMKNPKVKKHGQKVLASFGEGGLKHLNLTGTFATLSELHCDKLHVDPENFRLLG NVLVVVLARHFGKEFTPELQTAYQKVVAGVANALAHKYHWSHPQFEKHHHHHH
Purity	> 90% by SDS-PAGE
Storage	Upon receipt, centrifuge the product briefly before opening the vial. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 2.5 mg/mL (A280; Abs 0.1% (=1 g/L): 0.86)

Storage Buffer Supplied in sterile PBS, pH7.4

GENE INFORMATION

Gene Name [LOC102987983 hemoglobin subunit alpha \[Physeter catodon \(sperm whale\) \]](#)

Official Symbol [LOC102987983](#)

Synonyms LOC102987983; hemoglobin subunit alpha; HBA; hemoglobin subunit alpha; LOC102976944; hemoglobin subunit beta-1/2; HBB; HB; hemoglobin subunit beta-1/2; hemoglobin subunit beta

Gene ID [102987983](#)

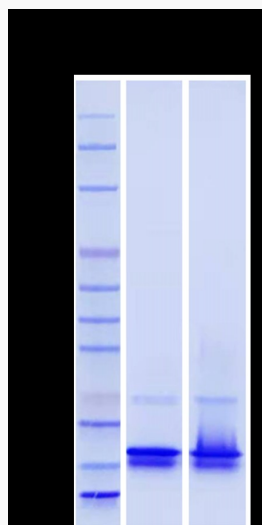
mRNA Refseq [XM_007130378](#)

Protein Refseq [XP_007130440](#)

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SDS-PAGE

5 µg/Lane

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