

Hemoglobin subunit beta-2 Recombinant Protein | Hbb-b2 recombinant protein

Recombinant Mouse Hemoglobin subunit beta-2

CATALOG # AAA116000	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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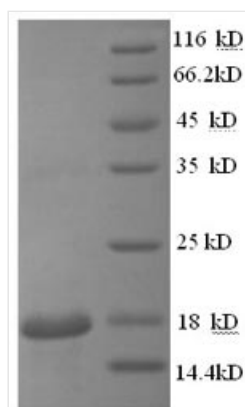
PRODUCT SYNONYMS

Hemoglobin subunit beta-2; Recombinant Mouse Hemoglobin subunit beta-2; Beta-2-globin; Hemoglobin beta-2 chain; Hemoglobin beta-minor chain; Hbb-b2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-147aa; Full Length
Sequence	VHLTDAEKSA VSCLWAKVNP DEVGGEALGR LLVVYPWTQR YFDSFGDLSS ASAIMGNPKV KAHGKKVITA FNEGLKNLDN LKGTFFASLSE LHCDKLHVDP ENFRLLGNAI VIVLGHHLGK DFTPAQAQAF QKVVAGVATA LAHKYH
Sequence Length	147
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hbb-b2 recombinant protein	Involved in oxygen transport from the lung to the various peripheral tissues.
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References	Nucleotide sequence of the BALB/c mouse beta-globin complex.Shehee W.R., Loeb D.D., Adey N.B., Burton F.H., Casavant N.C., Cole P., Davies C.J., McGraw R.A., Schichman S.A., Severynse D.M., Voliva C.F., Weyer F.W., Wisely G.B., Edgell M.H., Hutchison C.A. IIIJ. Mol. Biol. 205:41-62(1989) The evolution and sequence comparison of two recently diverged mouse chromosomal beta-globin genes.Konkel D.A., Maizel J.V. Jr., Leder P.Cell 18:865-873(1979) Mouse haemoglobin beta chains. Comparative sequence data on adult major and minor beta chains from two species, Mus musculus and Mus cervicolor.Gilman J.G.Biochem. J. 159:43-53(1976) SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17647499
NCBI GeneID	15130
NCBI Accession #	NP_058652.1
NCBI GenBank Nucleotide #	NM_016956.3
UniProt Accession #	P02089; Q5D0E8
Molecular Weight	17.7 kDa
NCBI Official Full Name	hemoglobin subunit beta-2
NCBI Official Synonym Full Names	hemoglobin, beta adult minor chain
NCBI Official Symbol	Hbb-b2
NCBI Official Synonym Symbols	Hbb2; Hbbt2; beta2; AI036344
NCBI Protein Information	hemoglobin subunit beta-2
UniProt Protein Name	Hemoglobin subunit beta-2
UniProt Gene Name	Hbb-b2
UniProt Entry Name	HBB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.