

Hemoglobin subunit beta Recombinant Protein | HBB recombinant protein

Recombinant Human Hemoglobin subunit beta

CATALOG #
AAA18408

HOST
E.coli

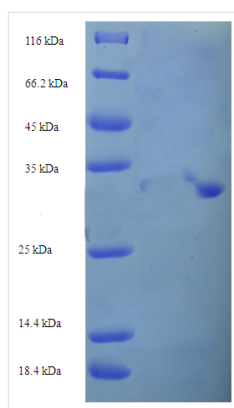
PRODUCT SYNONYMS

Hemoglobin subunit beta; Recombinant Human Hemoglobin subunit beta; Beta-globin; HBB; HBB recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	85%+- 5% by SDS-PAGE
Form/Format	Liquid, dissolved in 20mM Tris-HCl, 500mM NaCl, pH 8.0, 50% glycerol
Sequence Positions	1-147aa
Sequence	MVHLTPEEKS AVTALWGKVN VDEVGGEALG RLLVVYPWTQ RFFESFGDLS TPDVAMGNPK VKAHGKKVLG AFSDGLAHLN NLKGTFFATLS ELHCDKLHVD PENFRLLGNV LVCVLAHHFG KEFTPPVQAA YQKVVAGVAN ALAHKYH
Application Notes	Calibrator or standard in ELISA and other possible application.
Tag	His-SUMO-tag
Product Note	Applications are user defined. Product is developed and quality control tested in house, data or additional information may be provided upon request. The researcher needs to establish and confirm the suitability of the product for their application.
Preparation and Storage	Aliquot and store at <= -20°C Avoid repeated freeze / thaw cycles

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HBB recombinant protein

HBB is encoded by the HBB gene on human chromosome 11. Mutations in the gene produce several variants of the proteins which are implicated with genetic disorders such as sickle-cell disease and beta thalassemia, as well as beneficial traits such as genetic resistance to malaria.

Product Categories/Family for HBB recombinant protein	Cardiovascular; Raw Materials Assay Development
References	Nucleotide sequence analysis of coding and noncoding regions of human beta-globin mRNA.Marotta C., Forget B., Cohen-Solal M., Weissman S.M.Prog. Nucleic Acid Res. Mol. Biol. 19:165-175(1976)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504349
NCBI GeneID	3043
NCBI Accession #	NP_000509.1
NCBI GenBank Nucleotide #	NM_000518.4
UniProt Accession #	P68871 ; P02023 ; Q13852 ; Q14481 ; Q14510 ; Q45KT0 ; Q549N7 ; Q6FI08 ; Q6R7N2 ; Q8IZI1 ; A4GX73 ; B2ZUE0
NCBI Official Full Name	hemoglobin subunit beta
NCBI Official Synonym Full Names	hemoglobin subunit beta
NCBI Official Symbol	HBB
NCBI Official Synonym Symbols	CD113t-C; beta-globin
NCBI Protein Information	hemoglobin subunit beta
UniProt Protein Name	Hemoglobin subunit beta
UniProt Gene Name	HBB
UniProt Entry Name	HBB_HUMAN

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.

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 Online datasheet: <https://stage.aaabiotech.com/hbb-recombinant-protein-e-coli/18408>