Hemoglobin Beta (HBb) Recombinant Protein | HBb recombinant protein

Recombinant Hemoglobin Beta (HBb)

CATALOG #	HOST	APPLICATIONS
AAA20270	**E.coli**	**SDS-Page, Western Blot**

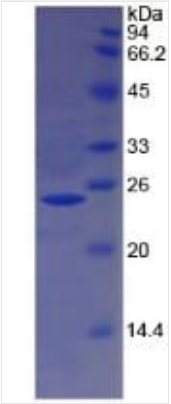
PRODUCT SYNONYMS

Hemoglobin Beta (HBb); Recombinant Hemoglobin Beta (HBb); HBb recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for HBb recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Organism Species	Ovis aries; Ovine (Sheep)
Source	Prokaryotic expression
Residues	Met1~His145
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

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MLTAEEKAAV TGFWGKVKVD EVGAEALGRL LVVYPWTQRF FEHFGDLSNA
DAVMNNPKVK AHGKKVLDSF SNGMKHLDDL KGTFAQLSEL HCDKLHVDPE
NFRLLGNVLV VVLARHHGNE FTPVLQADFQ KVVAGVANAL AHKYH
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	426244971
NCBI GeneID	101105437
NCBI Accession #	XP_004016289.1
NCBI GenBank Nucleotide #	XM_004016240.1
UniProt Accession #	P02075
Molecular Weight	Predicted Molecular Mass: 22.8kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	hemoglobin subunit beta-like
NCBI Official Symbol	HBB
NCBI Protein Information	hemoglobin subunit beta; Beta-globin; Hemoglobin beta chain; hemoglobin subunit beta-like
UniProt Protein Name	Hemoglobin subunit beta
UniProt Gene Name	**HBB**
UniProt Entry Name	HBB_SHEEP

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-positive-control-immunogen-sds-page-wb-western-blot/20270