

Cluster Of Differentiation 8b (CD8b) Recombinant Protein | CD8b recombinant protein

Recombinant Cluster Of Differentiation 8b (CD8b)

CATALOG # AAA135598	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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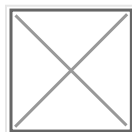
PRODUCT SYNONYMS

Cluster Of Differentiation 8b (CD8b); Recombinant Cluster Of Differentiation 8b (CD8b); CD8b recombinant protein

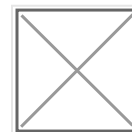
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LQ QTPAYIKVQT NKMVMLSCEA KISLSNMRIY WLRQRQAPSS DSHHEFLALW DSAKGTIHGE EVEQEKIAVF RDASRFILNL TSVKPEDSGI YFCMIVGSPE LTFGKGTQLS VVDFLPTTAQ PTKKSTLKKR VCRLRPETQ KGPLCSP
Sequence Length	198
Applicable Applications for CD8b recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu22~Pro170 (Accession # P10966) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein. Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	9.4
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010933
NCBI GeneID	926
NCBI Accession #	NP_001171571.1
NCBI GenBank Nucleotide #	NM_001178100.1
UniProt Accession #	P10966; P14860; P14861; Q15980; Q496E0; Q496E1; Q496E2; Q9UDB4; Q9UDB5; Q9UDB6; Q9UDB7; Q9UDB8
Molecular Weight	20.6kDa
NCBI Official Full Name	T-cell surface glycoprotein CD8 beta chain isoform 6
NCBI Official Synonym Full Names	CD8b molecule
NCBI Official Symbol	CD8B
NCBI Official Synonym Symbols	LY3; P37; LEU2; LYT3; CD8B1
NCBI Protein Information	T-cell surface glycoprotein CD8 beta chain; CD8 antigen, beta polypeptide 1 (p37); T lymphocyte surface glycoprotein beta chain
UniProt Protein Name	T-cell surface glycoprotein CD8 beta chain
UniProt Gene Name	CD8B
UniProt Synonym Gene Names	CD8B1
UniProt Entry Name	CD8B_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/cd8b-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135598>