

CD8B recombinant protein

CD8B, 22-170aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48869	HOST E Coli	APPLICATIONS SDS-Page
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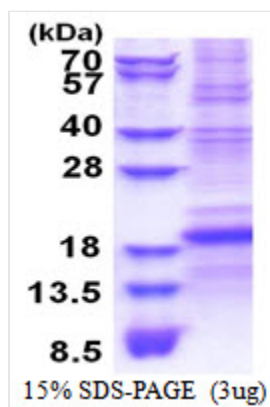
PRODUCT SYNONYMS

CD8B; 22-170aa; Human; His tag; E Coli (Denatured); T-cell surface glycoprotein CD8 beta chain isoform 5 precursor; CD8B1; LEu2; LY3; LYT3; P37; CD8B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSLLQTPAY IKVQTNKMVM LSCEAKISLS NMRIYWLRQR QAPSSDSHHE FLALWDSAKG TIHGEEVEQE KIAVFRDASR FILNLTSVKP EDSGIYFCMI VGSPELTFGK GTQLSVVDFL PTTAQPTKKS TLKKRVCRLP RPETQKGPLC SP
Sequence Length	210
Applicable Applications for CD8B recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2°C to 8°C for one week. For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualization by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for CD8B recombinant protein	CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Recombinant human CD8B protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for CD8B recombinant protein	Immunology
References	Heigele,A, et al. (2012) J. Virol. 86 (1), 36-48; Laugel,B., et al. (2011) J. Leukoc. Biol. 90 (6), 1089-1099;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826667
NCBI GeneID	926
NCBI Accession #	NP_004922
NCBI GenBank Nucleotide #	NM_004931.4
UniProt Accession #	P10966 ; P14860 ; P14861 ; Q15980 ; Q496E0 ; Q496E1 ; Q496E2 ; Q9UDB4 ; Q9UDB5 ; Q9UDB6 ; Q9UDB7 ; Q9UDB8
Molecular Weight	19.2kDa (172aa)
NCBI Official Full Name	T-cell surface glycoprotein CD8 beta chain isoform 5
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
UniProt Protein Name	T-cell surface glycoprotein CD8 beta chain
UniProt Gene Name	CD8B
UniProt Synonym Gene Names	CD8B1

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-sds-page/48869>