

T-Cell Surface Glycoprotein CD8 beta Chain Recombinant Protein | CD8B recombinant protein

Recombinant Human T-Cell Surface Glycoprotein CD8 beta Chain Protein

CATALOG # AAA174594	HOST HEK293 Cells
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PRODUCT SYNONYMS

T-Cell Surface Glycoprotein CD8 beta Chain; Recombinant Human T-Cell Surface Glycoprotein CD8 beta Chain Protein; T-Cell Surface Glycoprotein CD8 Beta Chain; CD8b; CD8B; CD8B1; LEU2; LY3; LYT3; P37; CD8B recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PBS, 150mM NaCl, pH 7.4.
Sequence Length	198
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL method.
Tag	C-His
Reconstitution	Centrifuge tubes before opening. Do not mix by vortex or pipetting. It is recommended that sterile water (200ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

ADDITIONAL INFORMATION

Related Product Information for CD8B recombinant protein	T-Cell Surface Glycoprotein CD8beta Chain (CD8 Antigen) is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. 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. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296010933
NCBI GeneID	926
NCBI Accession #	NP_001171571.1
NCBI GenBank Nucleotide #	NM_001178100.1
UniProt Accession #	P10966-1 ; P14860 ; P14861 ; Q15980 ; Q496E0 ; Q496E1 ; Q496E2 ; Q9UDB4 ; Q9UDB5 ; Q9UDB6 ; Q9UDB7 ; Q9UDB8 ; P10966

Molecular Weight	Molecular Mass: 17.8kDa Actual Protein Molecular Mass: 25-32kDa
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd8b-recombinant-protein-hek293-cells/174594>