9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD8B Human, Sf9

CD8B Human Recombinant, Sf9
CDA0122

Product Overview

Name	CD8B Human, Sf9
Description	
CD8B Human Recombinant, Sf9	
Accession (Primary)	P10966
Synonyms	
CD8b Molecule, CD8 Antigen, Beta Polypeptide 1 (P37), CD8B1, T Lymphocyte Surface Glycoprotein Beta Chain, T-Cell Surface Glycoprotein CD8 Beta Chain, CD8b Antigen, Leu2, LYT3, P37, LY3, T-cell surface glycoprotein CD8 beta chain.	
Introduction	
CD8B encodes the CD8 beta chain isoforms of the CD8 antigen. CD8 is a cell surface glycoprotein which facilitates efficient cell-cell interactions within the immune system and is located on most cytotoxic T lymphocytes. The T-cell receptor on the T lymphocyte and the co-receptor CD8 antigen identify antigens exposed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional co-receptor is either a heterodimer composed of one alpha and one beta chain or a homodimer composed of two alpha chains. Both alpha and beta chains share substantial homology to immunoglobulin variable light chains.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD8B protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP LQQTPAY IKVQTNKMVM LSCEAKISLS NMRIYWLRQR QAPSSDSHHE FLALWDSAKG TIHGEEVEQE	

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KIAVFRDASR FILNLTSVKP EDSGIYFCMI VGSPELTFGK GTQLSVVDFL PTTAQPTKKS TLKKRVCRLP RPETQKGPLC SP HHHHHH .

Precautions

CD8B Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10966)