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32-13081: CD8B Human, Sf9

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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.Â
CD8B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 158 amino acids (22-170a.a.) and having a molecular mass of 17.8kDa. (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).CD8B is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	CD8B protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).
Storage condition :	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.
Amino Acid :	ADPLQQTPAY IKVQTNKMVM LSCEAKISLS NMRIYWLRQR QAPSSDSHHE FLALWDSAKG TIHGEEVEQE KIAVFRDASR FILNLTSVKP EDSGIYFCMI VGSPELTFGK GTQLSVVDFL PTTAQPTKKS TLKKRVCRLP RPETQKGPLC SPHHHHHH.

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