9051 Mira Mesa Blvd, #910094
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# CD8B Human

*CD8B Human Recombinant*
*CDA0121*

## Product Overview

| | |
|---|---|
| Name | CD8B Human |
| **Description** | |
| CD8B Human Recombinant | |
| Accession (Primary) | P10966 |
| **Synonyms** | |
| T Lymphocyte Surface Glycoprotein Beta Chain, CD8 Antigen, Beta Polypeptide 1 (P37), CD8b Molecule, CD8b Antigen, T-Cell Surface Glycoprotein CD8 Beta Chain, CD8B1, LYT3, LY3, LEU2, P37. | |
| **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** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered clear solution. | |
| **Formulation** | |
| The CD8B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. | |
| **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 80% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS LQQTPAY IKVQTNKMVM LSCEAKISLS NMRIYWLRQR QAPSSDSHHE FLALWDSAKG TIHGEEVEQE KIAVFRDASR FILNLTSVKP EDSGIYFCMI VGSPELTFGK GTQLSVVDFL | |

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PTTAQPTKKS TLKKRVCRLP RPETQKGPLC SP

**Precautions**

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

## Target Information: ( P10966 )