
Product Data Sheet

Product Name: CD8A Human

Cat. No.: GP26234

Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Sf9, Baculovirus cells. |
| Physical Appearance | solid | Shipping Condition | withIcePacks |
| Synonyms | CD8A, T-cell surface glycoprotein CD8 alpha chain, T-lymphocyte differentiation antigen T8/Leu-2, CD8a, MAL, CD8, Leu2, p32, T-cell surface glycoprotein CD8 alpha chain isoform 1. | | |
| Amino Acid Sequence | ADPSQFRVSP LDRTWNLGET VELKCQVLLS NPTSGCSWLF QPRGAAASPT FLLYLSQNKPAAEGLDTQR FSGKRLGDTF VLTLSDFRRE NEGYYFCSAL SNSIMYFSHF VPVFLPAKPTTTPAPRPPTP APTIASQPLS LRPEACRPAA GGAVHTRGLD FACDHHHHHH | | |
| Formulation | The CD8A solution (0.5mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol. | | |

Introduction

CD8 protein is a glycoprotein that is located on the cell surface of cytotoxic T lymphocytes the interferes interactions between cells of the immune system. This protein is a coreceptor that helps detect antigens shown by the APC (antigen presenting cells) as part of the class I MHC proteins. It can be a homodimer build from 2 alpha chains or heterodimer build from alpha and beta chains.

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.

Background

CD8A Human Recombinant produced in Baculovirus is a single, glycosylated, polypeptide chain containing 170 amino acids (22-182aa) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 18.7kDa. CD8A is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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