

32-13080: CD8A Human

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

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.

CD8A Human Recombinant produced in Baculovirus is a single, glycosylated, polypeptide chain containing 170 amino acids (22-182aa) and having a molecular mass of 18.7kDa. CD8A is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The CD8A solution (0.5mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

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 : ADPSQFRVSP LDRTWNLGET VELKCQVLLS NPTSGCSWLF QPRGAAASPT
FLLYLSQNKPKAAEGLDTQR FSGKRLGDTF VLTLSDFRRE NEGYYFCSAL SNSIMYFSHF
VPVFLPAKPTTTPAPRPPTP APTIASQPLS LRPEACRPAA GGAVHTRGLD FACDHHHHHH