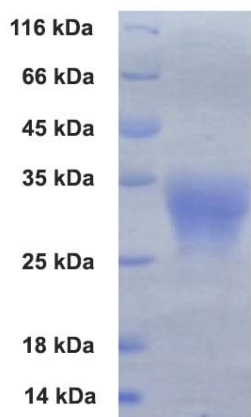


Mouse CD8A Recombinant Protein

CATALOG NUMBER: IV-mCD8A-005P, 50 µg

| | |
|------------------------|--|
| Introduction | The CD8 (cluster of differentiation 8) antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a co-receptor with the T-cell receptor (TCR) on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The co-receptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. |
| Applications | Western blot standard, antibody ELISA, etc. |
| Description | Mouse CD8 alpha glycoprotein expressed and purified from 293 cells; C-terminal 6xHis tagged mouse CD8 glycoprotein (amino acid 28-196) (Gene Accession No. NM_001081110) |
| Storage | Store at -20 °C; Stable for 3-months from the date of shipment when kept at 4 °C. |
| Concentration | 1 mg/ml in PBS with less than 0.1% sodium azide and 20% glycerol |
| Endotoxin Level | <0.01 EU per 1 µg of the protein by LAL test |
| Purity | ≥ 95% purity (SDS PAGE) |



SDS-PAGE: purified mouse CD8A protein

RECOMBINANT MOUSE CD8A (AMINO ACID 28-196) SEQ:

KPQAPELRIFPKKMDAELGQKVDLVCEVLGVSVSQGCSWLFQNSSSKLPQPTFVVYMASSHNKITWDEKLNSSKLFSAMRD
 TNNKYVLTLNKFSKENEGYYFCSVISNSVMYFSSVVPVLQKVNSTTTKPVLRTPSPVHPTGTSQPQRPEDCRPRGSKGT
 GLDFACDIYHHHHHH