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Datasheet for ABIN6964139  
**CD8 alpha Protein (Fc Tag)**

### Overview

Quantity:	100 µg
Target:	CD8 alpha (CD8A)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD8 alpha protein is labelled with Fc Tag.

### Product Details

Sequence:	CD8A(Ser22-Asp182)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

### Target Details

Target:	CD8 alpha (CD8A)
Alternative Name:	CD8A ( <a href="#">CD8A Products</a> )
Background:	Synonymes: CD8, Leu2, p32 Description: The CD8 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 coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed

## Target Details

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of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein.

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Molecular Weight: 43.23 kDa

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UniProt: [P01732](#)

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Pathways: [TCR Signaling](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute with deionized water

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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Preservative: Without preservative

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Storage: -80 °C

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Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

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Expiry Date: 12 months