

## **PRODUCT INFORMATION**

CD8A **Target** 

**Synonyms** CD8; p32; Leu2; IMD116; CD8alpha

Recombinant human CD8A Acidic tail Protein with Description

C-terminal human Fc tag

**Delivery** In Stock **Uniprot ID** P01732 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular CD8A(Ser22-Asp182) Acidic tail hFc(Glu99-

Characterization Ala330)

The protein has a predicted molecular mass of **Molecular Weight** 44.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

**Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

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 MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one

**Background** 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

> Email: info@dimabio.com Website: www.dimabio.com

membrane-anchored or secreted protein. [provided by RefSeq, May 2020]

Research use only

Conjugate Unconjugated

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)

**Usage** 



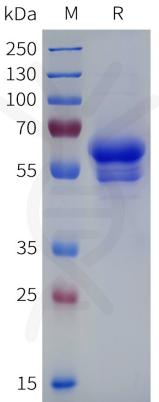


Figure 1. Human CD8A Acidic tail Protein, hFc Tag on SDS-PAGE under reducing condition.



