

## Active Recombinant Human CD8A protein, His-tagged

**Cat. No.** CD8A-266H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD8A protein(NP_001759.3) (Met1-Asp182), fused with His tag, was expressed in CHO.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Met1-Asp182
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its ability to bind biotinylated Beta-2 microglobulin Protein, Human, Recombinant (His Tag) in a functional ELISA.
<b>Molecular Mass</b>	The recombinant human CD8A consists of 172 amino acids and predicts a molecular mass of 19 kDa. As a result of glycosylation, rh CD8A migrates as an approximately 28 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD8A CD8a molecule [ Homo sapiens ]

**Official Symbol** CD8A

**Synonyms** CD8A; CD8a molecule; CD8, CD8 antigen, alpha polypeptide (p32) , T cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte differentiation antigen T8/Leu-2; CD8; MAL; p32; Leu2;

**Gene ID** 925

**mRNA Refseq** NM\_001145873

**Protein Refseq** NP\_001139345

**MIM** 186910

**UniProt ID** P01732

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