

# Recombinant Human CD8A protein(Met1-Asp182), His-tagged, Biotinylated

**Cat. No.** CD8A-3274H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Biotinylated Recombinant Human CD8A (NP_001759.3) (Met1-Asp182) was expressed in CHO with a C-terminal polyhistidine tag.                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Met1-Asp182                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <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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| <b>Reconstitution</b> | 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. |
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| <b>Conjugation</b> | Biotin |
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## GENE INFORMATION

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| <b>Gene Name</b> | CD8A CD8a molecule [ Homo sapiens ] |
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| <b>Official Symbol</b> | CD8A |
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| <b>Synonyms</b> | 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; |
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| <b>Gene ID</b> | 925 |
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| <b>mRNA Refseq</b> | NM_001145873 |
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| <b>Protein Refseq</b> | NP_001139345 |
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| <b>MIM</b> | 186910 |
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| <b>UniProt ID</b> | P01732 |
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