

**PRODUCT INFORMATION**

<b>Target</b>	CD8A
<b>Synonyms</b>	Ly-2; Ly-B; Ly-35; Lyt-2
<b>Description</b>	Recombinant mouse CD8A protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01731
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	Mouse CD8A(Lys28-Tyr196)+hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 45.0 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Enables identical protein binding activity. Acts upstream of or within several processes, including cytotoxic T cell differentiation; defense response to virus; and positive regulation of calcium-mediated signaling. Located in external side of plasma membrane. Part of receptor complex. Is expressed in several structures, including endocrine gland; exocrine gland; genitourinary system; gut; and immune system. Human ortholog(s) of this gene implicated in immunodeficiency 116. Orthologous to human CD8A (CD8 subunit alpha). [provided by Alliance of Genome Resources, Jul 2025]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



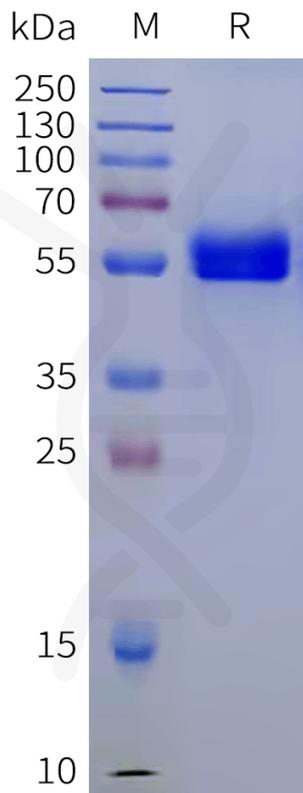


Figure 1. Mouse CD8A Protein, hFc Tag on SDS-PAGE under reducing condition.

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