

PRODUCT INFORMATION

Target	CD8A
Synonyms	Ly-2; Ly-B; Ly-35; Lyt-2
Description	Recombinant mouse CD8A protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P01731
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	Mouse CD8A(Lys28-Tyr196)+hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	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]
Usage	Research use only
Conjugate	Unconjugated





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

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