

**Catalog No.: RP01245** **Recombinant**

Species	Gene ID	Swiss Prot
Human	925	P01732

## C-hFc&amp;His

CD8; Leu2; MAL;  
p32;CD8A;Leu2;MAL;p32

<b>Source</b>	<b>Purification</b>
HEK293 cells	≥ 95 % as determined by SDS-PAGE

44.40 kDa                      55-60 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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## Basic Information

Recombinant Human CD8a Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser22-Asp182) of human CD8 alpha (Accession #NP\_001759.3) fused with a Fc. 6xHis tag at the C-terminus.

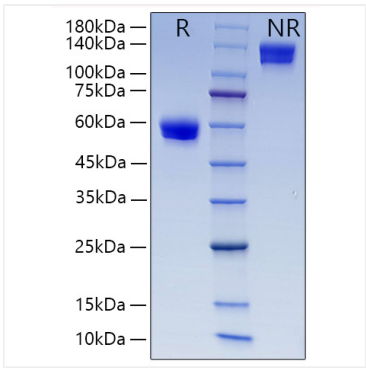
Measured by its binding ability in a functional ELISA. Immobilized Human CD8A at 2µg/mL (100 µL/well) can bind anti Human CD8A antibody with a linear range of 0.1-27.6ng/mL.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

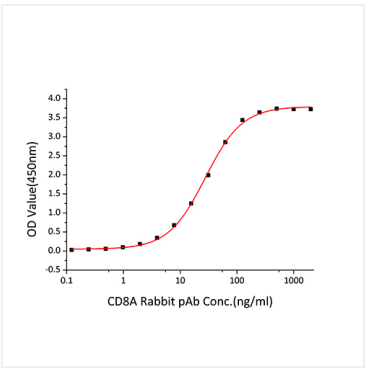
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

# Validation Data



Recombinant Human CD8a Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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