

# Recombinant Human CD8a Protein

Catalog No.: RP01245 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	925	P01732

### Tags

C-hFc&His

### Synonyms

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

## Background

## Basic Information

### Description

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, 6×His tag at the C-terminus.

### Bio-Activity

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

### Shipping

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

### Storage

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.

### Operational Notes

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

## Product Information

### Source

HEK293 cells

### Purification

$\geq$  95 % as  
determined by SDS-  
PAGE.

### Calculated MW

44.40 kDa

### Observed MW

55-60 kDa

### Endotoxin

< 0.1 EU/ $\mu$ g of the protein by LAL  
method.

### Formulation

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

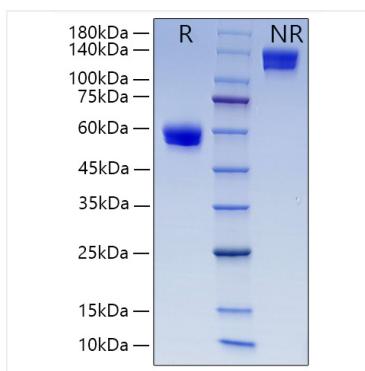
### Reconstitution

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.

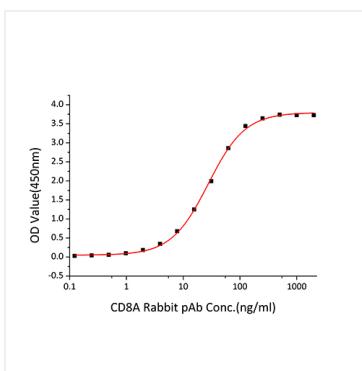
## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Validation Data



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



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