

Active Recombinant Human CD8A protein, His-tagged, Low Endotoxin

Cat. No. CD8A-3196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD8A protein(P01732-1)(Ser22-Asp182), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-182 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD8 alpha, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD8 Antibody, hFc Tag with the EC50 of 10.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.70 kDa. Due to glycosylation, the protein migrates to 28-32 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CD8A CD8a molecule [Homo sapiens]

Official Symbol CD8A

Synonyms 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;

Gene ID 925

mRNA Refseq NM_001145873

Protein Refseq NP_001139345

MIM 186910

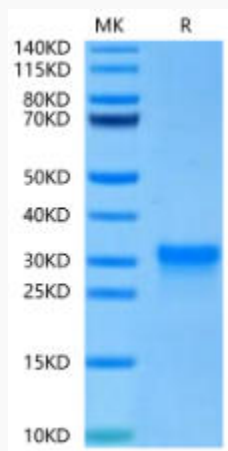
UniProt ID P01732

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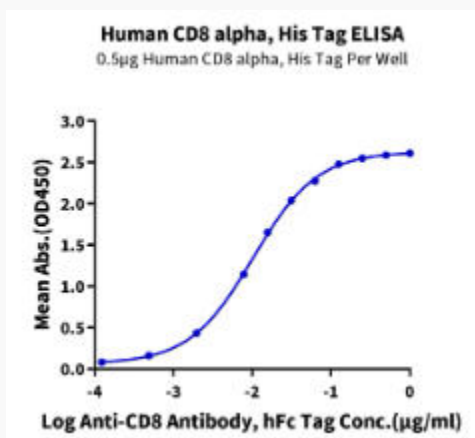
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Bis-Tris PAGE



ELISA Data



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