

Active Recombinant Human CD8A protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human CD8A protein(P01732-1)(Ser22-Asp182) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	22-182 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
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 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001139345.1
Unit ID	P01732
Unit ID-Weblink	http://www.uniprot.org/uniprot/P01732

GENE INFORMATION

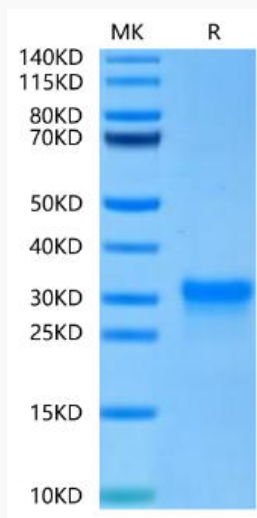
Gene Name	CD8A CD8a molecule [Homo sapiens]
Official Symbol	CD8A
Synonyms	CD8A; CD8a molecule; CD8, CD8 antigen, alpha polypeptide (p32) , T cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen 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

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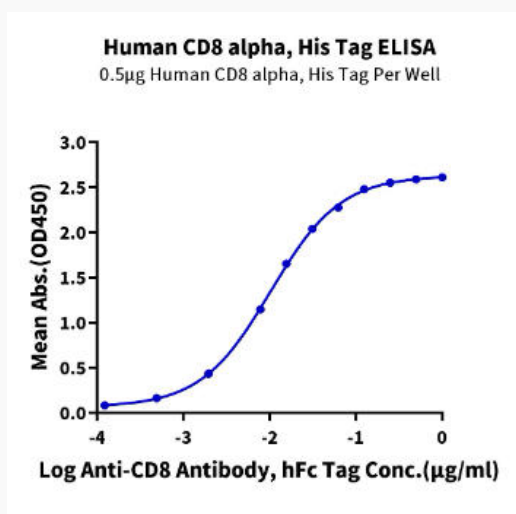
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Bis-Tris PAGE



ELISA Data



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