

Active Recombinant Human CD7 protein, His-tagged

Cat. No. CD7-2226H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD7 protein(P09564)(Ala26-180) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	26-180 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD7, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human SECTM1, hFc Tag with the EC50 of 2.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.04 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
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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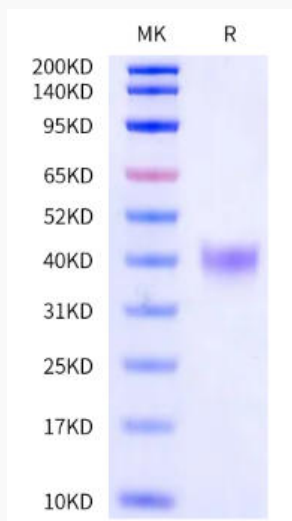
Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_006128.1
Unit ID	P09564
Unit ID-Weblink	http://www.uniprot.org/uniprot/P09564
GENE INFORMATION	
Gene Name	CD7 CD7 molecule [Homo sapiens]
Official Symbol	CD7
Synonyms	CD7; CD7 molecule; CD7 antigen (p41); T-cell antigen CD7; GP40; LEU 9; p41 protein; T cell antigen CD7; T cell leukemia antigen; Tp40; TP41; T-cell leukemia antigen; T-cell surface antigen Leu-9; LEU-9;
Gene ID	924
mRNA Refseq	NM_006137
protein Refseq	NP_006128
MIM	186820

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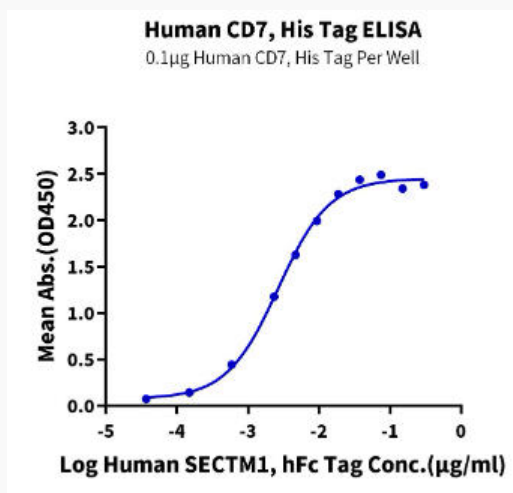
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Bis-Tris PAGE



ELISA Data



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