

## Active Recombinant Human CD7 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CD7 protein(P09564)(Ala26-180) is expressed from HEK293 with His tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	26-180 aa
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	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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<b>Reconstitution</b>	Dissolve the lyophilized protein in distilled water.
<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_006128.1">http://www.ncbi.nlm.nih.gov/protein/NP_006128.1</a>
<b>Unit ID</b>	P09564
<b>Unit ID-Weblink</b>	<a href="http://www.uniprot.org/uniprot/P09564">http://www.uniprot.org/uniprot/P09564</a>

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CD7 CD7 molecule [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CD7</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">924</a>
<b>mRNA Refseq</b>	<a href="#">NM_006137</a>
<b>protein Refseq</b>	NP_006128
<b>MIM</b>	<a href="#">186820</a>

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