

Active Recombinant Human CD7 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human CD7 protein(P09564)(Ala26-Pro180), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-180 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 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 0.01 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 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

UniProt ID [P09564](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA