

Active Recombinant Human CD6 protein, His-tagged, Low Endotoxin

Cat. No. CD6-1650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD6 protein(NP_006716.3)(His18-Leu402), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-402 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD6, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human ALCAM, hFc Tag with the EC50 of 6.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 42.14 kDa. Due to glycosylation, the protein migrates to 70-90 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 [CD6 CD6 molecule \[Homo sapiens \]](#)

Official Symbol [CD6](#)

Synonyms CD6; CD6 molecule; CD6 antigen; T-cell differentiation antigen CD6; Tp120; T12; TP120; FLJ44171;

Gene ID [923](#)

mRNA Refseq [NM_001254750](#)

Protein Refseq [NP_001241679](#)

MIM [186720](#)

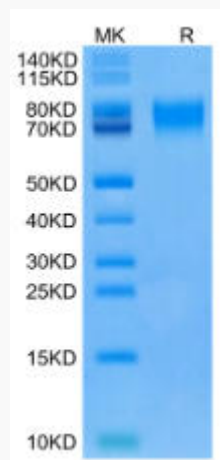
UniProt ID [P30203](#)

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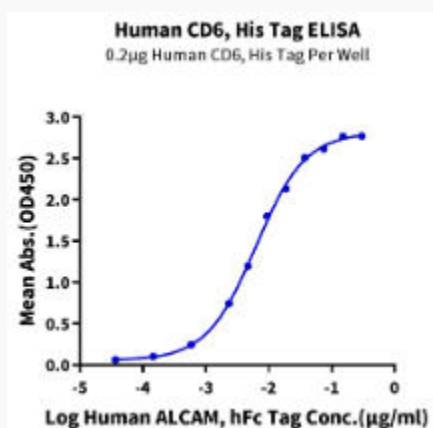
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Bis-Tris PAGE



ELISA Data



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