

Active Recombinant Human CD6 protein, hFc-tagged

Cat. No. CD6-4760H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD6 protein(NP_006716.3)(Met1-Glu398), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Glu398
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8×10^4 cells/well are added to CD6-Fc coated plates (5 $\mu\text{g}/\text{mL}$ and 100 $\mu\text{L}/\text{well}$) in the presence of 10 $\mu\text{g}/\text{ml}$ PHA, approximately > 50% cells will adhere specifically after 60 minutes at 37°C.
Molecular Mass	The recombinant human CD6 consists of 619 amino acids and predicts a molecular mass of 67.3 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

 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

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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