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 8×10E4 cells/well are added to CD6-Fc coated plates (5 μg/mL and 100 μL/well) in the ppresence of 10μg/ml PHA, approximately > 50% cells will adhere specifically after 60 minutes at 37℃.
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.

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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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