

Active Recombinant Mouse Cd6 protein, His-tagged

Cat. No. CD6-1240M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd6 protein(Met1-Gly396), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-396 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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 mCD6-His coated plates (5 µg/mL and 100 µL/well) in the presence of 10 µg/mL PHA, approximately >45% cells will adhere specifically after 60 minutes at 37°C.
Molecular Mass	42.6 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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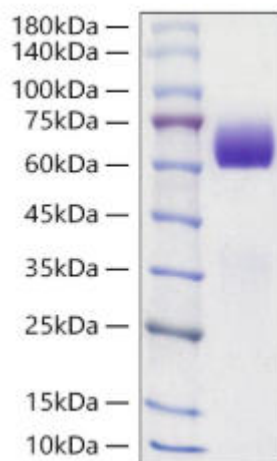
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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Cd6 CD6 antigen [<i>Mus musculus</i>]
Official Symbol	Cd6
Synonyms	CD6; CD6 antigen; T-cell differentiation antigen CD6;
Gene ID	12511
mRNA Refseq	NM_001037801
Protein Refseq	NP_001032890

SDS-PAGE


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