

Active Recombinant Cynomolgus ALCAM protein(Met1-Ala526), His-tagged

Cat. No. ALCAM-3387C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus ALCAM (G7NZQ8) (Met1-Ala526) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Ala526
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Cynomolgus ALCAM-His at 10 µg/ml (100 µl/well) can bind mouse CD6-Fc, The EC50 of mouse CD6-Fc is 0.07-0.15 µg/ml.
Molecular Mass	The recombinant cynomolgus ALCAM comprises 510 amino acids and has a calculated molecular mass of 57.3 KDa. The apparent molecular mass of the protein is approximately 65-68 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

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