

Active Recombinant Cynomolgus LAG3 protein, His-tagged

Cat. No. LAG3-1013C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus LAG3 protein (XP_005570011.1) (Met1-Leu450, 74 Pro) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Leu450, 74 Pro
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 LAG3 Protein, Cynomolgus, Recombinant (74 Pro, His Tag) at 2 µg/mL (100 µL/well) can bind FGL1 Protein, Cynomolgus, Recombinant (hFc Tag), the EC50 is 140-760 ng/mL.
Molecular Mass	The recombinant LAG3 consists of 437 amino acids and predicts a molecular mass of 47.4 kDa. As a result of glycosylation, it migrates as an approximately 57.73 and 132.72 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the 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 to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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