

Active Recombinant Cynomolgus KLRF1 protein, hFc-tagged

Cat. No. KLRF1-1545C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus KLRF1 protein(Q8MI05) (Val66-Tyr231) was expressed in HEK293, fused with the Fc region of human IgG1 at the N-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Val66-Tyr231
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	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10E4 cells/well are added to KLRF1-coated plates (5 µg/mL, 100 µL/well), > 40% cells will adhere after 1 hour at 37°C.
Molecular Mass	The recombinant cynomolgus KLRF1 comprises 426 amino acids and has a calculated molecular mass of 47.8 KDa. The apparent molecular mass of the protein is approximately 59 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>90% 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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