Active Recombinant Cynomolgus IL1R1, Fc tagged

Cat. No. IL1R1-148C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL1R1 (G7NAT4) (Met1-Thr332), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Thr332
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL1RA at 10 μg/ml (100 μl/well) can bind Cynomolgus IL1R1-Fc, The EC50 of Cynomolgus IL1R1-Fc is 0.04-0.08 μg/mL.
Molecular Mass	The recombinant cynomolgus IL1R1 is a disulfide-linked homodimer. The reduced monomer comprises 553 amino acids and has a calculated molecular mass of 62.9 KDa.The apparent molecular mass of the protein is approximately 73-93 KDa respectively in SDS-PAGE.
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℃ before opening to recover the entire contents.

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