

Active Recombinant Cynomolgus IL1R1, His tagged

Cat. No. IL1R1-149C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL1R1 (EHH61701.1) (Met1-Thr332), fused with a polyhistidine tag 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 2 µg/ml (100 µl/well) can bind Cynomolgus IL1R1 His, the EC50 of Cynomolgus IL1R1 His is 2.5-15 ng/mL.
Molecular Mass	The recombinant cynomolgus IL1R1 comprises 323 amino acids and has a calculated molecular mass of 37.4 KDa. The apparent molecular mass of it is approximately 47-57 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

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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°C before opening to recover the entire contents.

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