

## Active Recombinant Cynomolgus IL1R1, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus IL1R1 (EHH61701.1) (Met1-Thr332), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr332
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA




**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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