

Active Recombinant Cynomolgus IL1R2 protein, hFc-tagged

Cat. No. IL1R2-8834C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL1R2 protein(Q8HXR9)(Met1-Glu343), fused with hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Glu343
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. 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 Cynomolgus IL1R2-Fc at 10 µg/ml (100 µl/well) can bind biotinylated human IL1B-His, The EC50 of biotinylated human IL1B-His is 11.8-27.4 ng/ml.
Molecular Mass	The recombinant cynomolgus IL1R2 is a disulfide-linked homodimer. The reduced monomer comprises 571 amino acids and has a calculated molecular mass of 64.7 KDa.The apparent molecular mass of the protein is approximately 75-89 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 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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