

Active Recombinant Mouse Il1r2 protein(Met1-Glu355), His-tagged

Cat. No. Il1r2-8700M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL1R2 (P27931) (Met1-Glu355) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu355
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 its binding ability in a functional ELISA. Immobilized mouse IL1R2-His at 10 µg/ml (100 µl/well) can bind biotinylated human IL1B-His, The EC50 of biotinylated human IL1B-His is 0.37-0.85 µg/ml.
Molecular Mass	The recombinant mouse IL1R2 comprises 353 amino acids and has a predicted molecular mass of 39.6 kDa. The apparent molecular mass of the protein is approximately 56 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the 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°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Il1r2 interleukin 1 receptor, type II \[Mus musculus \]](#)

Official Symbol [Il1r2](#)

Synonyms IL1R2; interleukin 1 receptor, type II; interleukin-1 receptor type 2; IL-1R-2; IL-1RT2; IL-1RT-2; IL-1R-beta; IL-1 type II receptor; IL-1 receptor beta chain; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antigen-like family member B; CD121b; Il1r-2;

Gene ID [16178](#)

mRNA Refseq [NM_010555](#)

Protein Refseq [NP_034685](#)

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