

Recombinant Mouse Il1r2 Protein, His-tagged

Cat. No. Il1r2-1670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il1r2 Protein (Phe14-Pro247) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe14-Pro247
Description	Enables interleukin-1 binding activity and interleukin-1 receptor activity. Acts upstream of or within negative regulation of gene expression and negative regulation of interleukin-1-mediated signaling pathway. Located in cytoplasm. Is expressed in several structures, including dorsal aorta; gut; pituitary gland; reproductive system; and thymus. Human ortholog(s) of this gene implicated in aggressive periodontitis. Orthologous to human IL1R2 (interleukin 1 receptor type 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.9 kDa Accurate Molecular Mass: 30 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Il1r2 interleukin 1 receptor, type II [<i>Mus musculus</i> (house mouse)]
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
UniProt ID	P27931

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