

Recombinant Human IL1R2 protein, His-tagged

Cat. No. IL1R2-2200H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1R2 protein(NP_004624.1)(Phe14-Glu343), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe14-Glu343
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-1R2, His Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Human IL-1 Beta, His Tag with the EC50 of 0.38ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 38.9 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	IL1R2 interleukin 1 receptor, type II [Homo sapiens]
Official Symbol	IL1R2
Synonyms	IL1R2; interleukin 1 receptor, type II; IL1RB; interleukin-1 receptor type 2; CD121b; CDw121b; IL-1R-2; IL-1RT2; IL-1RT-2; IL-1R-beta; antigen CDw121b; IL-1 type II receptor; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antigen-like family member B; type II interleukin-1 receptor, beta; MGC47725;
Gene ID	7850
mRNA Refseq	NM_004633
Protein Refseq	NP_004624
MIM	147811
UniProt ID	P27930