Active Recombinant Human IL1R2 protein

Cat. No. IL1R2-1035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1R2 protein(NP_004624.1)(Phe14-Glu343) is expressed from HEK293 without tag.
Species	Human
Source	HEK293
ProteinLength	14-343 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human IL-1R2, No Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human IL-1 Beta, His Tag with the EC50 of 0.31μg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 37.78 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

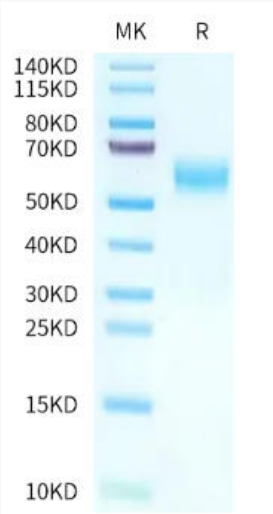
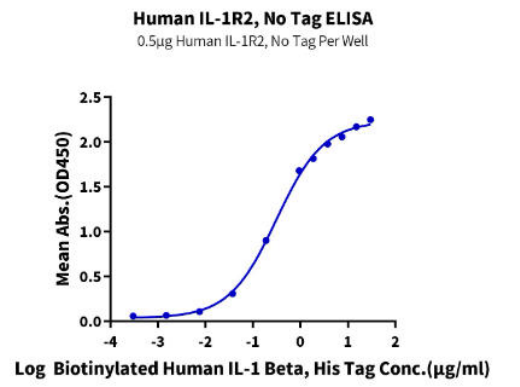
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Reconstitution	Dissolve the lyophilized protein in distilled water.

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

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Bis-Tris PAGE	
ELISA Data	

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