

Active Recombinant Human IL1R1 protein

Cat. No. IL1R1-0310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1R1 protein(NP_000868.1)(Leu18-Thr332) is expressed from HEK293 without tag.
Species	Human
Source	HEK293
ProteinLength	18-332 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human IL-1 Beta, His Tag captured on CM5 Chip via Anti-his antibody can bind Human IL-1R1, No Tag with an affinity constant of 11.37 nM as determined in SPR assay.
Molecular Mass	The protein has a predicted MW of 36.17 kDa. Due to glycosylation, the protein migrates to 50-65 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 [IL1R1 interleukin 1 receptor, type I \[Homo sapiens \]](#)

Official Symbol [IL1R1](#)

Synonyms IL1R1; interleukin 1 receptor, type I; IL1R, IL1RA; interleukin-1 receptor type 1; CD121A; D2S1473; IL-1R-1; IL-1RT1; IL-1RT-1; antigen CD121a; interleukin receptor 1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I; P80; IL1R; IL1RA; IL-1R-alpha;

Gene ID [3554](#)

mRNA Refseq [NM_000877](#)

Protein Refseq [NP_000868](#)

MIM [147810](#)

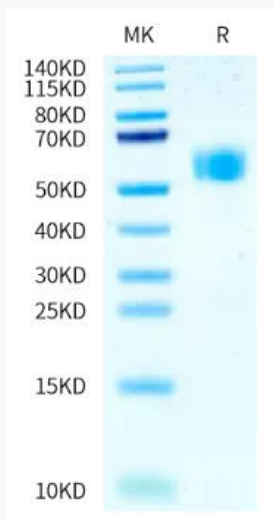
UniProt ID [P14778](#)

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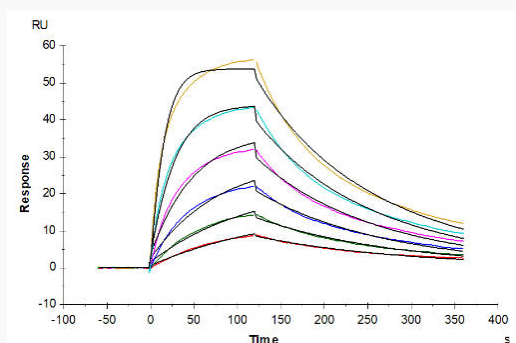
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Bis-Tris PAGE



SPR Data



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