

Active Recombinant Human IL1RL1 protein, hFc-tagged, Low Endotoxin

Cat. No. IL1RL1-502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1RL1 protein(Q01638-2)(Lys19-Phe328), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-328 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-33, No Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-1RL1, hFc Tag with the EC50 of 9.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 61.75 kDa. Due to glycosylation, the protein migrates to 75-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL1RL1 interleukin 1 receptor-like 1 \[Homo sapiens \]](#)

Official Symbol [IL1RL1](#)

Synonyms IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; DER4; FIT 1; homolog of mouse growth stimulation expressed; IL33R; ST2; ST2L; ST2V; T1; growth stimulation-expressed; interleukin 1 receptor-related protein; homolog of mouse growth stimulation-expressed; FIT-1; MGC32623;

Gene ID [9173](#)

mRNA Refseq [NM_003856](#)

Protein Refseq [NP_003847](#)

MIM [601203](#)

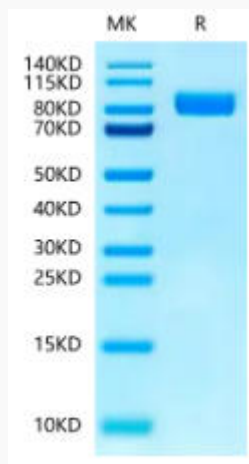
UniProt ID [Q01638](#)

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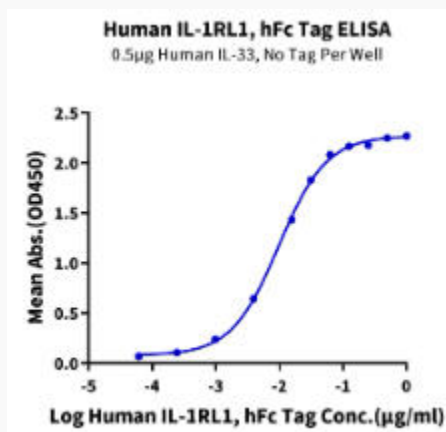
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Bis-Tris PAGE



ELISA Data



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