

Recombinant Mouse Il1r1 protein, His-tagged

Cat. No. Il1r1-5188M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il1r1 protein(P13504-1)(Leu20-Lys338), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu20-Lys338
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Mouse IL-1R1, His Tag immobilized on CM5 Chip can bind Mouse IL-1 alpha, His Tag with an affinity constant of 51.22 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 38.4 kDa. Due to glycosylation, the protein migrates to 50-70 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
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Il1r1 interleukin 1 receptor, type I \[Mus musculus \]](#)

Official Symbol [Il1r1](#)

Synonyms IL1R1; interleukin 1 receptor, type I; interleukin-1 receptor type 1; p80; IL-1R-1; IL-1RT1; IL-1RT-1; IL-1R-alpha; IL-1 receptor alpha chain; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; IL-iR; CD121a; CD121b; Il1r-1; MGC129154;

Gene ID [16177](#)

mRNA Refseq [NM_001123382](#)

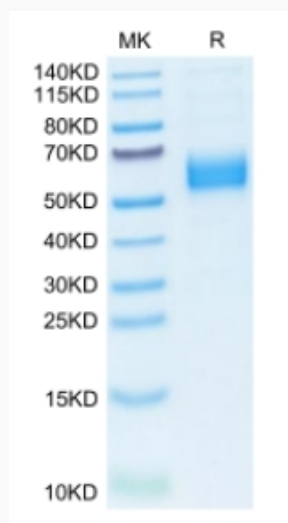
Protein Refseq [NP_001116854](#)

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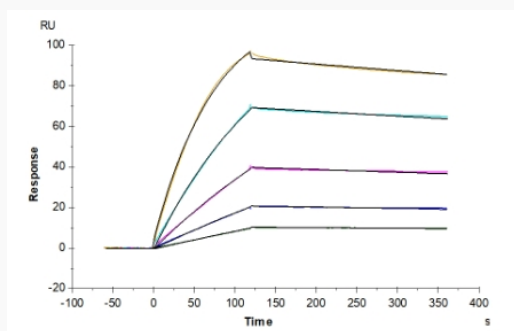
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Tris-Bis PAGE



SPR Data



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