Recombinant Mouse Il18r1 protein, His-tagged

Cat. No. Il18r1-839M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il18r1 protein(Q61098)(Lys20-Gly326), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Lys20-Gly326
Tag	C-His
Form	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Mouse IL-18 R1, His Tag captured on CM5 Chip via anti-his antibody can bind Human IL-18, No Tag with an affinity constant of 0.30 uM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 36.5 kDa. Due to glycosylation, the protein migrates to 60-80 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

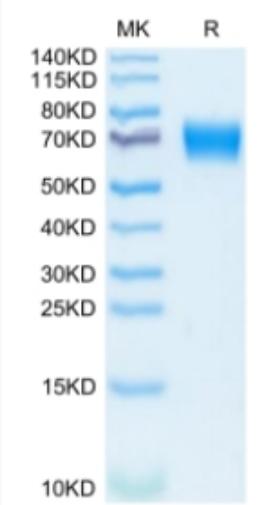
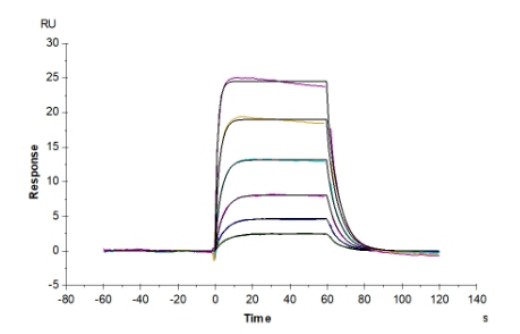
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	the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Il18r1 interleukin 18 receptor 1 [Mus musculus]
Official Symbol	Il18r1
Synonyms	IL18R1; interleukin 18 receptor 1; interleukin-18 receptor 1; IL-18R1; IL-1Rrp; IL1R-rp; IL-18R-1; IL1 receptor-related protein; CD218 antigen-like family member A; interleukin 1 receptor related protein; Il1rrp; Il18ralpha;
Gene ID	16182
mRNA Refseq	NM_001161842
Protein Refseq	NP_001155314

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Tris-Bis PAGE	
SPR Data	

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