

## Recombinant Mouse SIGIRR protein, His&hFc-tagged

Cat. No. SIGIRR-772M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SIGIRR protein(NP_075546.2)(Met1-Pro238), fused with His and hFc tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro238
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse SIGIRR is a disulfide-linked homodimeric protein. The reduced monomer consists of 365 amino acids and has a predicted molecular mass of 40.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmSIGIRR/Fc monomer is approximately 60-65 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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** Sigirr single immunoglobulin and toll-interleukin 1 receptor (TIR) domain [ *Mus musculus* ]

**Official Symbol** SIGIRR

**Synonyms** SIGIRR; single immunoglobulin and toll-interleukin 1 receptor (TIR) domain; single Ig IL-1-related receptor; toll/interleukin-1 receptor 8; single Ig IL-1R-related protein; single Ig IL-1R-related molecule; single Ig IL-1 receptor related protein; single immunoglobulin domain-containing IL1R-related protein; TIR8; AI256711; MGC102426;

**Gene ID** 24058

**mRNA Refseq** NM\_023059

**Protein Refseq** NP\_075546

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