

## Recombinant Mouse Sigirr protein, His & GST-tagged

**Cat. No.** Sigirr-1951M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Sigirr aa. (Met1~His117 (Accession # Q9JLZ8)) fused with N-terminal His & GST tag was produced in E. coli cells.                                                                                                                                                                                                  |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Met1~His117                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 39.7kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 6

## GENE INFORMATION

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

**Official Symbol** Sigirr

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

**Gene ID** 24058

**mRNA Refseq** NM\_023059.3

**Protein Refseq** NP\_075546.2

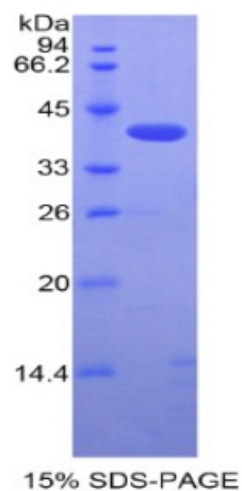
**UniProt ID** Q9JLZ8

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SDS-PAGE



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