

Recombinant Mouse Sigirr Protein, Myc/DDK-tagged

Cat. No. Sigirr-5875M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length single immunoglobulin and toll-interleukin 1 receptor (TIR) domain (Sigirr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the heterodimerization of IL1R1 and IL1RAP.
Molecular Mass	46.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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; 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
UniProt ID	Q9JLZ8

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