

Recombinant Mouse SIGIRR Protein (1-117 aa), His-tagged

Cat. No. SIGIRR-2054M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SIGIRR Protein (1-117 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length.
Species	Mouse
Source	Yeast
ProteinLength	1-117 aa
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 (By similarity).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	14.7 kDa
AA Sequence	MAGVCDMAPNFLSPSEDQALGLALGREVALNCTAWVFSRPQCPQPSVQWLKDGL ALGNNGSHFSLHEDFWVSANFSEIVSSVLVNLNTNAEDYGTFTCSVWNVSSHSTLW RAGPAGH
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

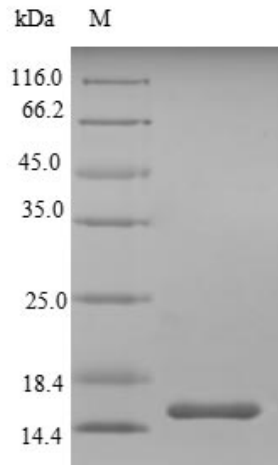
GENE INFORMATION

Gene Name	Sigirr single immunoglobulin and toll-interleukin 1 receptor (TIR) domain [<i>Mus musculus</i>]
Official Symbol	SIGIRR
Synonyms	SIGIRR; toll/interleukin-1 receptor 8; TIR8; AI256711; MGC102426;
Gene ID	24058
mRNA Refseq	NM_023059
Protein Refseq	NP_075546
UniProt ID	Q9JLZ8

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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