

Recombinant Human SIGIRR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SIGIRR-2708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SIGIRR MS Standard C13 and N15-labeled recombinant protein (NP_001128525) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	45.7 kDa
AA Sequence	MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVVSGPHCSLPSVQWLKDGLP LGIGGHYSLHEYSWVKANLSEVLVSSVLGVNVTSTEVYGAFTCSIQNISFSSFTLQRA GPTSHVA AVLASLLVLLALLLAALLYVKCRLNVLLWYQDAYGEVEINDGKLYDAYVSY SDCPEDRK FVNFIKLPQLERRRGYKFLDDDRLLPRAEPSADLLVNLSRCRRLIVLS DAFLSRAWCSHSFREGLCRLLELTRPIFITFEGQRRDPAHPALRLLRQHRHLVTL LWRPGSVTPSSDFWKEVQLALPRKVRYRPVEGDPQTQLQDDKDPMLILGRVPEGR ALDSEVDPDPEGDLGVRGPVFGEPSAPPHTSGVSLGESRSSEVDVSDLGSRNYS A RTDFYCLVSKDDMSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SIGIRR single Ig and TIR domain containing [Homo sapiens (human)]
Official Symbol	SIGIRR
Synonyms	SIGIRR; single immunoglobulin and toll-interleukin 1 receptor (TIR) domain; single Ig IL-1-related receptor; single immunoglobulin domain IL1R1 related; TIR8; toll/interleukin-1 receptor 8; single Ig IL-1R-related molecule; single immunoglobulin domain-containing IL1R-related protein; MGC110992;
Gene ID	59307
mRNA Refseq	NM_001135053
Protein Refseq	NP_001128525
MIM	605478
UniProt ID	Q6IA17

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