

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

MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVVSGPHCSLPSVQWLKDG
 LGIGGHYSLHEYSWVKANLSEVLVSSVLGVNVTSTEVYGAFTCSIQNISSFTLQRA
 GPTSHVA AVLASLLVLLALLLAALLYVKCRLNVLLWYQDAYGEVEINDGKLYDAYVSY
 SDCPEDRKFVNFILKPQLERRRGYKFLDDRLLPRAEPSADLLVNL SRCRRLIVLS
 DAFLSRAWCSHSFREGLCRLELTRRPIFITFEGQRRDPAHPALRLLRQHRHLVTL
 LWRPGSVTPSSDFWKEVQLALPRKVRYPVEGDPQTQLQDDKDPMLILGRVPEGR
 ALDSEVDPDPEGDLGVRGPVFGEPSAPPHTSGVSLGESRSSEVDVSDLGSRNYS
 A RTDFYCLVSKDDMSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

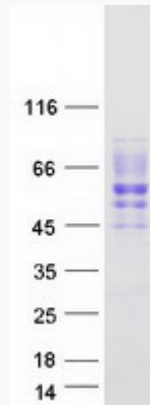
Gene Name	SIGIRR single Ig and TIR domain containing [Homo sapiens (human)]
Official Symbol	SIGIRR
Synonyms	SIGIRR; single immunoglobulin and toll-interleukin 1 receptor (TIR) domain; single Ig IL-1-related receptor; single immunoglobulin domain IL1R1 related; TIR8; toll/interleukin-1 receptor 8; single 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA