

Product datasheet for PH301356

SIGIRR (NM_021805) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SIGIRR MS Standard C13 and N15-labeled recombinant protein (NP_068577)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201356
Predicted MW:	45.7 kDa
Protein Sequence:	>RC201356 protein sequence Red=Cloning site Green=Tags(s)

MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVVSQPHCSLPSVQWLKDGLPLGIGGHYSLHEYSWV
KANLSEVLVSSVLGVNVTSTEVYGAFTCSIQNI SFSSFTLQRAGPTSHVA AVLASLLVLLALLLAALLYV
KCRLNVLWYQDAYGEVEINDGKLYDAYVSYSDCPEDRKFVNFILKPQLERRRGYKFLDDDRLLPRAEP
SADLLVNL SRCRRLIVVLSDAFLSRAWCSHSFREGLCRLEL TRRP I F I T F E G Q R R D P A H P A L R L L R Q H R
HLVTL L L W R P G S V T P S S D F W K E V Q L A L P R K V R Y R P V E G D P Q T Q L Q D D K D P M L I L R G R V P E G R A L D S E V D P
D P E G D L G V R G P V F G E P S A P P H T S G V S L G E S R S S E V D V S D L G S R N Y S A R T D F Y C L V S K D D M

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_068577</u>
RefSeq Size:	1657
RefSeq ORF:	1230
Synonyms:	IL-1R8; TIR8
Locus ID:	59307



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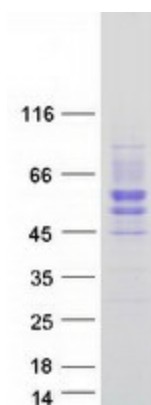
UniProt ID: [Q6IA17](#)

Cytogenetics: 11p15.5

Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors, Transmembrane

Product images:



Coomassie blue staining of purified SIGIRR protein (Cat# [TP301356]). The protein was produced from HEK293T cells transfected with SIGIRR cDNA clone (Cat# [RC201356]) using MegaTran 2.0 (Cat# [TT210002]).