

Product datasheet for **TP325643**

SIGIRR (NM_001135054) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human single immunoglobulin and toll-interleukin 1 receptor (TIR) domain (SIGIRR), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225643 protein sequence Red =Cloning site Green =Tags(s)

MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVWSGPHCSLPSVQWLKDGLPLGIGGHYSLHEYSWW
KANLSEVLVSSVLGVNVTSTEYGAFTCSIQNISSFTLQ RAGPTSHVA AVLASLLVLLALLLAALLYV
KCRLNVLLWYQDAYGEVEINDGKLYDAYVSYSDCPEDRKFN FILKPKLERRRGYKLFDDRDLLPRAEP
SADLLVNLSRCRRLIVLSDAFLSRAWCSHSFREGLCRLELTRRPIFITFEGQRRDPAHPALRLLRQHR
HLVTLLLWRPGSVTPSSDFWKEVQLALPRKVRYRPVEGDPQTQLQDDKDPMLILRGRVPEGRALDSEVDP
DPEGDLGVRGPVFGEPSAPPHTSGVSLGESRSSEVDVSDLGSRNYSARTDFYCLVSKDDM

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

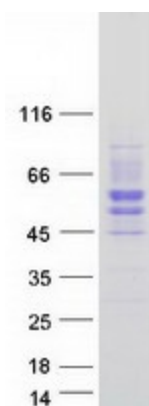
Tag:	C-Myc/DDK
Predicted MW:	45.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001128526



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Locus ID:	59307
UniProt ID:	Q6IA17
RefSeq Size:	1761
Cytogenetics:	11p15.5
RefSeq ORF:	1230
Synonyms:	IL-1R8; TIR8
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# TP325643). The protein was produced from HEK293T cells transfected with SIGIRR cDNA clone (Cat# [RC225643]) using MegaTran 2.0 (Cat# [TT210002]).