

## Product datasheet for **TP301356M**

### SIGIRR (NM\_021805) Human Recombinant Protein

#### Product data:

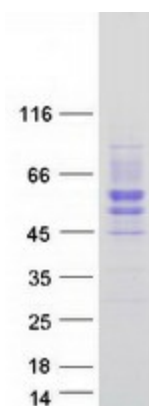
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens single immunoglobulin and toll-interleukin 1 receptor (TIR) domain (SIGIRR), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201356 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVWSGPHCSLPSVQWLKDGLPLGIGGHYSLHEYSWW KANLSEVLVSSVLGVNVTSTEYGAFTCSIQNISFSSFTLQRAGPTSHVAAVLASLLVLLALLLAALLYV KCRLNVLLWYQDAYGEVEINDGKLYDAYVSYSDCPEDRKFNFILKPKLERRRGYKFLDDRDLPRAP SADLLVNLSRCRRLIVLSDAFLSRAWCSHSFREGLCRLELTRRPIFITFEGQRRDPAHPALRLLRQHR HLVTLWWRPGSVTPSSDFWKEVQLALPRKVRYRPVEGDPQTQLQDDKDPMLILRGRVPEGRALDSEVDP DPEGDLGVRGPVFGEPSAPPHTSGVSLGESRSSEVDVSDLGSRNYSARTDFYCLVSKDDM</p> <p><b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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:	<u><a href="#">NP_068577</a></u>



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Locus ID:	59307
UniProt ID:	<a href="#">Q6IA17</a>
RefSeq Size:	1657
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# [TP301356]). The protein was produced from HEK293T cells transfected with SIGIRR cDNA clone (Cat# [RC201356]) using MegaTran 2.0 (Cat# [TT210002]).