

Product datasheet for TP325643M

SIGIRR (NM_001135054) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human single immunoglobulin and toll-interleukin 1 receptor (TIR) domain (SIGIRR), transcript variant 1, 100 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
KCRLNVLLWYQDAYGEVEINDGKLYDAYVSYSDCPEDRKFVNFILKPKLERRRGYKLFDDRDLLPRAEP
SADLLVNLSRCRRLIVLSDAFLSRAWCSHSFREGLCRLELTRRPIFITFEGQRRDPAHPALRLLRQHR
HLVTL LLWRPGSVTPSSDFWKEVQLALPRKVRYRPVEGDPQTQLQDDKDPMLILRGRVPEGRALDSEVDP
DPEGDLGVRGPVFGEPSAPPHTSGVSLGESRSSEVDVSDLGSRNYSARTDFYCLVSKDDM

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

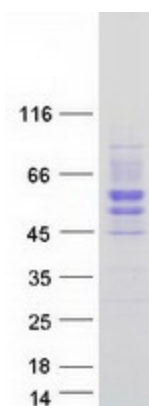
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 45.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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]).