

Product datasheet for TP506419

Sigirr (NM_023059) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse single immunoglobulin and toll-interleukin 1 receptor (TIR) domain (Sigirr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206419 protein sequence Red =Cloning site Green =Tags(s)
	MAGVCDMAPNFLSPSEDQALGLALGREVALNCTAWVFSRPQCPQPSVQWLKDGLALGNGSHFSLHEDFWW SANFSEIVSSVLVLNLTNAEDYGTFTCSVWNVSSHSTLWRAGPAGHVAAVLASLLVLLVLLVALLYVK CRLNMLLWYQDTYGEVEMNDGKLYDAYVSYSDCPEDRKFVNFIKPKQLERRRGYKLFLEDRDLLPRAEPS ADLLVNL SRCRRLIVVLSDAFLSRPWCSQSFREGLCRLELTRRPIFITFEGQRREPIHPALRLLRQHRH LVTLVLWKPGSVTPSSDFWKELQLALPRKVQYRPVEGDPQTRLQDDKDPMLIVRGRAAQGRGMESELDPD PEGDLGVRGPVFGEPPTPLQETRICIGESHGSEMDVSDLGSRNYSARTDFYCLVSEDDV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	46.2 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
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 after receiving vials.
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_075546
Locus ID:	24058
UniProt ID:	Q9JLZ8 , Q3UKS3



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RefSeq Size: 1990

Cytogenetics: 7 F5

RefSeq ORF: 1230

Synonyms: AI256711; 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 (By similarity).[UniProtKB/Swiss-Prot Function]