

Product datasheet for **TP509867**

5730559C18Rik (NM_028872) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse innate immunity activator (Inava), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209867 protein sequence Red =Cloning site Green =Tags(s) MLQMPKLN EIPPGRGGPGEPWGEGRWAGPTGPEAARPARGARGQARGARARWDSWEHSRLPHTHPGPGWDQ CSPSFLCAPSSQKLIMESKDEVSDSDSGIILQSGPDSVSPMKELTNAVVRKQQRALARLEACLEELRRL CLREAELTGLPAEYPLKPGEKAPKVRRRIGAAYKLDEWALHREDPLSSLERQLALQLQITEAARRLCAE ENLSRQARRQRKHAALQEEKLRDLQRCLGDRRRNSEPPPTTVPSLGRELSASDDSSLSDDLLEEDSQ APKPPPEPAPPSRPLPPQSLEGLQPTGPESGGQERAPIQNSPWKETSLDHPYEKPRKSSSESSSPA TTPQDQPNPSSLWVLDAAASYHVPIRNVPGQRQGRTSAPATPEMQGRRGQSQSLRVDSEFRAGAEGRGRSA FPRRRPTHYTVTPDSCFTPGKPLPHPACHSCSEDSGSDVSSISHPTSPGSSSPDISFLRPLCLPEPPR HRGAWGPACGRELAPHYSKLLL PAGYFPTGRYVMVAEGHLPPEGWELCRAAVGAAYDEEGAPLRYQRLVP SHSRIVRTPSLKDSPAGRGLSKAAVSEELKWWHERARLRSSRPHSLDRQGAFRVRSLPPGRESFGRASGP RTQVPVYVLRSTDGAPVQVFPENGEIISQV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	72.7 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.



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RefSeq:	NP_083148
Locus ID:	67313
UniProt ID:	Q7TN12 , G3X9Z8
RefSeq Size:	3013
Cytogenetics:	1
RefSeq ORF:	1992
Synonyms:	1700034M08Rik; 4933426C09Rik; AI586180; D1Mgi54
Summary:	<p>Expressed in peripheral macrophages and intestinal myeloid-derived cells, is required for optimal PRR (pattern recognition receptor)-induced signaling, cytokine secretion, and bacterial clearance. Upon stimulation of a broad range of PRRs (pattern recognition receptor) such as NOD2 or TLR2, TLR3, TLR4, TLR5, TLR7 and TLR9, associates with YWHAQ/14-3-3T, which in turn leads to the recruitment and activation of MAP kinases and NF-kappa-B signaling complexes that amplifies PRR-induced downstream signals and cytokine secretion (By similarity). In the intestine, regulates adherens junction stability by regulating the degradation of CYTH1 and CYTH2, probably acting as substrate cofactor for SCF E3 ubiquitin-protein ligase complexes. Stabilizes adherens junctions by limiting CYTH1-dependent ARF6 activation (PubMed:29420262).[UniProtKB/Swiss-Prot Function]</p>