

Product datasheet for TP510296

Sarm1 (NM_172795) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sterile alpha and HEAT/Armadillo motif containing 1 (Sarm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210296 representing NM_172795 Red=Cloning site Green=Tags(s)

MVLTLLFSAYKLCRFFFTMSGPRPGADRLTVPGPDRSGGASPPWWAAGGRGSREVSPGVGTEVQGALERSLP
ELQQALSELKQASAARAVGAGLAEVFQLVEEAWLLPAVGREVAQGLCDAIRLDGGLDLLRLLQAPELET
RVQAARLLEQILVAENRDRVARIGLVILNLAKEPVELARSVAGILEHMFKHSEETCQRLVAAGGLDA
VLYWCRRTDPALLRHCALALANCALHGGQTVQRCMVEKRAAEWLFPLAFSKEDELLRLHACLAVAVLATN
KEVEREVEHSGTLALVEPLVASLDPGRFARCLVDASDTSQGRGPDDLQSLVLLDSSRLEAQCIGAFYLC
AEAAIKSLQGKTKVFSDIGAIQSLKRLVSYSTNGTTSALAKRALRLLGEEVPRRILPCVASWKEAEVQTW
LQIQIGFSQYCFREQQVDGDLRLTDEELQTDLGMKSSITRKRFFRELTELKTFASYATCDRSNLADW
LGS�DPFRFRQTYGLVSCGLDRSLLHRVSEQLLEDGCGIRLGVHRTRILSAAREMLHSPLPCTGGKLSGD
TPDVFISYRRNSGSQLASLLKVHLQLHGFSVFIDVEKLEAGKFEDKLIQSVIAARNFVLVLSAGALDKCM
QDHDCKDWVHKEIVTALSCGKNIVPIIDGFEWPEPQALPEDMQAVLTFNGIKWSHEYQEATIEKIIIRFLQ
GRPSQDSSAGSDTSLEGATPMGLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

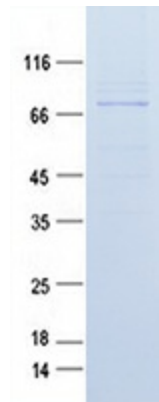
Tag:	C-MYC/DDK
Predicted MW:	80.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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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_766383
Locus ID:	237868
UniProt ID:	Q6PDS3
RefSeq Size:	5044
Cytogenetics:	11 46.74 cM
RefSeq ORF:	2172
Synonyms:	A830091115Rik; C78606; MyD885; Sarm
Summary:	Negative regulator of MYD88- and TRIF-dependent toll-like receptor signaling pathway which plays a pivotal role in activating axonal degeneration following injury. Promotes Wallerian degeneration an injury-induced axonal death pathway which involves degeneration of an axon distal to the injury site. Can activate neuronal death in response to stress. Regulates dendritic arborization through the MAPK4-JNK pathway. Involved in innate immune response. Inhibits both TICAM1/TRIF- and MYD88-dependent activation of JUN/AP-1, TRIF-dependent activation of NF-kappa-B and IRF3, and the phosphorylation of MAPK14/p38. Can restrict West Nile virus (WNV) pathogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Sarm1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.