Recombinant Full Length Human SARM1 Protein, C-Flag-tagged

Cat. No. SARM1-41HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SARM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	79.2 kDa
AA Sequence	MVLTLLLSAYKLCRFFAMSGPRPGAERLAVPGPDGGGGTGPWWAAGGRGPREVS PGAGTEVQDALERALP ELQQALSALKQAGGARAVGAGLAEVFQLVEEAWLLPAVG REVAQGLCDAIRLDGGLDLLLRLLQAPELET RVQAARLLEQILVAENRDRVARIGLG VILNLAKEREPVELARSVAGILEHMFKHSEETCQRLVAAGGLDA VLYWCRRTDPALL

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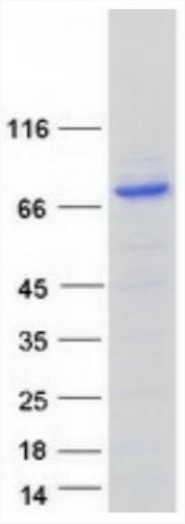
	RHCALALGNCALHGGQAVQRRMVEKRAAEWLFPLAFSKEDELLRLHACLAVAVLAT N KEVEREVERSGTLALVEPLVASLDPGRFARCLVDASDTSQGRGPDDLQRLVPLLD SNRLEAQCIGAFYLC AEAAIKSLQGKTKVFSDIGAIQSLKRLVSYSTNGTKSALAKRA LRLLGEEVPRPILPSVPSWKEAEVQTW LQQIGFSKYCESFREQQVDGDLLLRLTEE ELQTDLGMKSGITRKRFFRELTELKTFANYSTCDRSNLADW LGSLDPRFRQYTYGL VSCGLDRSLLHRVSEQQLLEDCGIHLGVHRARILTAAREMLHSPLPCTGGKPSGD T PDVFISYRRNSGSQLASLLKVHLQLHGFSVFIDVEKLEAGKFEDKLIQSVMGARNFVL VLSPGALDKCM QDHDCKDWVHKEIVTALSCGKNIVPIIDGFEWPEPQVLPEDMQAV LTFNGIKWSHEYQEATIEKIIRFLQ GRSSRDSSAGSDTSLEGAAPMGPTSGPTRTRRLEQKLISEEDLAANDILDYKDDDD KV	
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	SARM1 sterile alpha and TIR motif containing 1 [Homo sapiens (human)]

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Official Symbol	SARM1
Synonyms	SARM; HsTIR; SAMD2; hSARM1; MyD88-5
Gene ID	23098
mRNA Refseq	NM_015077.4
Protein Refseq	NP_055892.2
MIM	607732
UniProt ID	Q6SZW1



Coomassie blue staining of purified SARM1 protein.

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