

Product datasheet for PH315903

SARM (SARM1) (NM_015077) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SARM1 MS Standard C13 and N15-labeled recombinant protein (NP_055892)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215903
Predicted MW:	79.2 kDa
Protein Sequence:	>RC215903 representing NM_015077 Red=Cloning site Green=Tags(s)

MVLTLLLSAYKLCRFFAMSGPRPGAERLAVPGPDGGGGTGPWWAAGGRGPREVSPGAGTEVQDALERALP
ELQQALSALKQAGGARAVGAGLAEVFQLVEEAWLLPAVGREVAQGLCDAIRLDGGLDLLRLLQAPELET
RVQAARLLEQILVAENRDRVARIGLVILNLAKEREPVELARSVAGILEHMFKHSEETCQRLVAAGGLDA
VLYWCRRTDPALLRHCALALGNCALHGGQAVQRRMVEKRAAEWLFPLAFSKEDELLRLHACLAVAVLATN
KEVEREVERSGTLALVEPLVASLDPGRFARCLVDASDTSQGRGPDDLQRLVPLLDNRLEAQCIGAFYLC
AEAAIKSLQGKTKVFSDIGAIQSLKRLVSYSTNGTKSALAKRALRLLGEEVPRPILPSVPSWKEAEVQTW
LQQIGFSKYCESFREQQVDGDLRLRLTEEELQTDLGKMSGITRKRFFRELTELKTFANYSTCDRNLADW
LGSLDPRFRQYTYGLVSCGLDRSLLHRVSEQQLLEDGCIHLGVHRARILTAAREMLHSPLPCTGGKPSGD
TPDVFISYRRNSGSQLASLLKVHLQLHGFVSFIDVEKLEAGKFEDKLIQSVMGARNFVLVLSPGALDKCM
QDHDCKDWHKEIVTALSCGKNIVPIIDGFEWPEPQVLPEDMQAVLTFNGIKWSHEYQEATIEKIIIRFLQ
GRSSRDSSAGSDTSLEGAAPMGPT

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055892



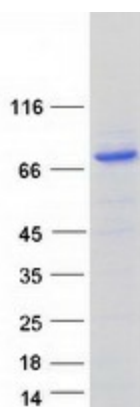
[View online »](#)

RefSeq Size:	7001
RefSeq ORF:	2172
Synonyms:	hSARM1; HsTIR; MyD88-5; SAMD2; SARM
Locus ID:	23098
UniProt ID:	Q6SZW1 , Q0D2N8 , Q05B42
Cytogenetics:	17q11.2

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. [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SARM1 protein (Cat# [TP315903]). The protein was produced from HEK293T cells transfected with SARM1 cDNA clone (Cat# [RC215903]) using MegaTran 2.0 (Cat# [TT210002]).