

Product datasheet for **TP315903**

SARM (SARM1) (NM_015077) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sterile alpha and TIR motif containing 1 (SARM1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	Recombinant protein was produced with TrueORF clone, RC215903.
Tag:	C-Myc/DDK
Predicted MW:	79.2 kDa
Concentration:	>0.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_055892
Locus ID:	23098
UniProt ID:	Q6SZW1
RefSeq Size:	7001
Cytogenetics:	17q11.2
RefSeq ORF:	2172
Synonyms:	hSARM1; HsTIR; MyD88-5; SAMD2; SARM

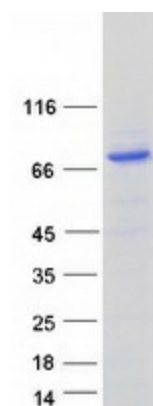

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Summary:

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]).