

Product datasheet for TP511322

Sart3 (NM_016926) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse squamous cell carcinoma antigen recognized by T cells 3 (Sart3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211322 representing NM_016926 Red=Cloning site Green=Tags(s)

MATTAASSASEPEVEPQAGPEAEGEEDEAKPAGVQRKVLGAVAAEAAEAKGPGWDLQREGASGSDGDEE
DAMASSAESSAGEDWEYDEEEKNQLEIERLEEQLSINGYDYNCHVELIRLLRLEGELSRVRAARQKMS
ELFPLTEELWLEWLHDEISMAMDGLDREHVYELFERAVKDYICPNIWLEYGQYSVGGIGQKGGLEKVRV
FERALSSVGLHMTKGLAIWEAYREFESAIVEAARLEKVVHSLFRRQLAIPLYEMEATFAEYEEWSEEMPE
SVLQSYQKALGQLEKYKPYEEALLQAEAPRLAAYQAYIDFEMKIGDPARIQLIFERALVENCLVPDLWIR
YSQYLDRLKVKDLVLSVHSRAVRNCPWTVALWSRYLLAMERHGLDHQTIATFENALSAGFIQATDYVE
IWQVYLDYLRRRVDFRQDSSKELEELRSMFTRALEYLQQEVEERFSESGDPSCCLIMQSWARVEARLCNNM
QKARELWDSIMTRGNAYANMWLEYNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGTL
EDWDLAIQKTETRLARVNEQRMKAAEKEAALVQEEEAQEQKRVRAEKKKALKKKKKTRGADKRREDEDE
ENEWGESEEEQPSKRRRTENSLASGEASAMKEETELSGKCLTIDVGPPSKQKEKAASLKRDMPKVAHDSS
KDSVTVFVSNLPYSIEEPEVKLRPLFEVCGEVVQIRPIFSNRGDFRGYCYVEFGEEKSAQQAELDRKIV
EGRPMFVSPCVDKSKNPDFKVFYRSTTLEKHKLFISGLPFSCTKEELEDICKAHGTVKDLRLVTNRAGKP
KGLAYVEYENESQASQAVMKMDGMTIRENVIKVAISNPPQRKVPEKPEVRTAPGAPMLPRQMYGARGKGR
TQLSLLPRALQRQGAAPQAENGPAGPAVAPSVATEAPKMSNADFALLLRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	110.1 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



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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.
RefSeq:	NP_058622
Locus ID:	53890
UniProt ID:	Q9JL18
RefSeq Size:	3586
Cytogenetics:	5 F
RefSeq ORF:	2886
Synonyms:	AU045857; mKIAA0156
Summary:	<p>U6 snRNP-binding protein that functions as a recycling factor of the splicing machinery. Promotes the initial reassembly of U4 and U6 snRNPs following their ejection from the spliceosome during its maturation. Also binds U6atac snRNPs and may function as a recycling factor for U4atac/U6atac spliceosomal snRNP, an initial step in the assembly of U12-type spliceosomal complex. The U12-type spliceosomal complex plays a role in the splicing of introns with non-canonical splice sites. May also function as a substrate-targeting factor for deubiquitinases like USP4 and USP15. Recruits USP4 to ubiquitinated PRPF3 within the U4/U5/U6 tri-snRNP complex, promoting PRPF3 deubiquitination and thereby regulating the spliceosome U4/U5/U6 tri-snRNP spliceosomal complex disassembly. May also recruit the deubiquitinase USP15 to histone H2B and mediate histone deubiquitination, thereby regulating gene expression and/or DNA repair (By similarity). May play a role in hematopoiesis probably through transcription regulation of specific genes including MYC (PubMed:21447833). [UniProtKB/Swiss-Prot Function]</p>