

Product datasheet for TP310837M

SART3 (NM_014706) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human squamous cell carcinoma antigen recognized by T cells 3 (SART3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210837 protein sequence Red=Cloning site Green=Tags(s)

MATAAETSASEPEAESKAGPKADGEEDEVKAARTRRKVLRSRAAAAATYKTMGPAWDQEEGVSESDGDEY
AMASSAESSPGYEWYDEEEKNQLEIERLEEQLSINVYDYNCHVDLIRLLRLEGLTKVRRMARQK MSE
IFPLTEELWLEWLHDEISMAQDGLDREHVYDLFEKAVKDYICPNIWLEYGQYSVGGIGQKGGLEKVR SVF
ERALSSVGLHMTKGLALWEAYREFESAIVEAARLEKVVHSLFRRQLAIPLYDMEATFAEYEEWSEDP I P E S
VIQNYNKALQQLKYKPYEEALLQAEAPRLAEYQAYIDFEMKIGDPARIQLIFERALVENCLVPDLWIRY
SQYLDRLKVKDLVLSVHNRAIRNCPWTVALWSRYLLAMERHGVDHQVISVTFEAKLNAGFIQATDYVEI
WQAYLDYLRRRVDFKQDSSKELEELRAAFTRALEYLKQVEERFNESGDPSCVIMQNWARIEARLCNNMQ
KARELWDSIMTRGNAKYANMWLEYYNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGSLE
DWDIAVQKTETRLARVNEQRMKAAEKEAALVQEEEEAEQRKRARA EKKALKKKKKIRGPEKRGAD E D D E
KEWGDDEEEQPSKRRRVENSIPAAGETQNVEVAAGPAGKCAAVDVEPPSKQKEKAASLKRDMPKVLHDSS
KDSITVFSNLPYSMQEPDTKLRPLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEKSALQALEMDRKS V
EGRPMFVSPCVDKSKNPDKVFRYSTSLEKHKLFISGLPF S C T K E E L E E I C A H G T V K D L R L V T N R A G K P
KGLAYVEYENESQASQAVMKMDGMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPMLLPQTYGARGKGR
TQLSLLPRALQRPSAAAPQAENGPAAPAVAAPAATEAPKMSNADFAKLFLRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

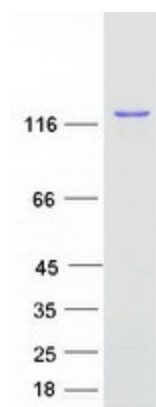
Tag:	C-Myc/DDK
Predicted MW:	109.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_055521
Locus ID:	9733
UniProt ID:	Q15020
RefSeq Size:	4377
Cytogenetics:	12q23.3
RefSeq ORF:	2889
Synonyms:	DSAP1; P100; p110; p110(nrb); RP11-13G14; TIP110
Summary:	The protein encoded by this gene is an RNA-binding nuclear protein that is a tumor-rejection antigen. This antigen possesses tumor epitopes capable of inducing HLA-A24-restricted and tumor-specific cytotoxic T lymphocytes in cancer patients and may be useful for specific immunotherapy. This gene product is found to be an important cellular factor for HIV-1 gene expression and viral replication. It also associates transiently with U6 and U4/U6 snRNPs during the recycling phase of the spliceosome cycle. This encoded protein is thought to be involved in the regulation of mRNA splicing. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SART3 protein (Cat# [TP310837]). The protein was produced from HEK293T cells transfected with SART3 cDNA clone (Cat# [RC210837]) using MegaTran 2.0 (Cat# [TT210002]).