

## Product datasheet for TP310837

### 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), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC210837 protein sequence  
Red=Cloning site Green=Tags(s)

MATAAETSASEPEAESKAGPKADGEEDEVKAARTRRKVLRSRAAAAATYKTMGPAWDQQEEGVSESDGDEY  
 AMASSAESSPGYEWYDEEEKNQLEIERLEEQLSINVYDYNCHVDLIRLLRLEGLTKVRRMARQKMSE  
 IFPLTEELWLEWLHDEISMAQDGLDREHVYDLFEKAVKDYICPNIWLEYGQYSVGGIGQKGGLEKVRVSVF  
 ERALSSVGLHMTKGLALWEAYREFESAIVEAARLEKVVHSLFRRQLAIPLYDMEATFAEYEEWSEDP  
 VIQNYNKALQQLKYKPYEEALLQAEAPRLAEYQAYIDFEMKIGDPARIQLIFERALVENCLVPDLWIRY  
 SQYLDRLKVKDLVLSVHNRAIRNCPWTVALWSRYLLAMERHGVDHQVISVTFEAKLNAGFIQATDYVEI  
 WQAYLDYLRRRVDFKQDSSKELEELRAAFTRALEYKQVEERFNESESGDPSCVIMQNWARIEARLCNNMQ  
 KARELWDSIMTRGNKYANMWLEYYNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGSLE  
 DWDIQVQKTETRLARVNEQRMKAAEKEAALVQEEEEAEQRKRARAEEKKALKKKKKIRGPEKRGADDE  
 KEWGDDEEEQPSKRRRVENSIPAAGETQNVVAAGPAGKCAAVDVEPPSKQKEKAASLKRMPKVLHDSS  
 KDSITVFSNLPYSMQEPDTKLRPLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEKSALQALEMDRKS  
 V EGRPMFVSPCVDKSKNPDKVFRYSTSLEKHKLFISGLPFSTKKEELEEICKAHGTVKDLRLVTNRAGKP  
 KGLAYVEYENESQASQAVMKMDGMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPMLLPQTYGARGKGR  
 TQLSLLPRALQRPSAAAPQAENGPAAAPAVAAPAATEAPKMSNADFAKLFRLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

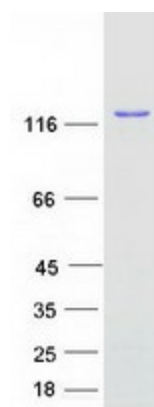
**Tag:** C-Myc/DDK  
**Predicted MW:** 109.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055521</a>
<b>Locus ID:</b>	9733
<b>UniProt ID:</b>	<a href="#">Q15020</a>
<b>RefSeq Size:</b>	4377
<b>Cytogenetics:</b>	12q23.3
<b>RefSeq ORF:</b>	2889
<b>Synonyms:</b>	DSAP1; P100; p110; p110(nrb); RP11-13G14; TIP110
<b>Summary:</b>	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]).