

Product datasheet for PH310837

SART3 (NM_014706) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SART3 MS Standard C13 and N15-labeled recombinant protein (NP_055521)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210837
Predicted MW:	109.9 kDa
Protein Sequence:	>RC210837 protein sequence Red=Cloning site Green=Tags(s)

MATAAETSASEPEAESKAGPKADGEEDEVKAARRRVL SRAVAAATYKTMGPAWDQQEEGVSESDGDEY
AMASSAESSPGEYEWYDEEEKNQLEIERLEEQLSINVYDYNCHVDLIRLLRLEGELTKVRMARQKMSE
IFPLTEELWLEWLHDEISMAQDGLDREHVYDLFEKAVKDYICPNIWLEYGQYSVGGIGQKGGLEKVRVSVF
ERALSSVGLHMTKGLALWEAYREFESAIVEAARLEKVVHSLFRRQLAIPLYDMEATFAEYEEWSEDPIPES
VIQNYNKALQQLEKYKPYEEALLQAEAPRLAEYQAYIDFEMKIGDPARIQLIFERALVENCLVPDLWIRY
SQYLDLDRQLKVKDLVLSVHNRAIRNCPWTVALWSRYLLAMERHGVDHQVISVTFEALNAGFIQATDYVEI
WQAYLDYLRRRVDFKQDSSKELEELRAAFTRALEYLLKQVEERFNESGDPSCVIMQNWARIEARLNNMQ
KARELWDSIMTRGNAKYANMWLEYNNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGSLE
DWDIAVQKTETRLARVNEQRMKAAEKEAALVQQEEEAQQRKRARAEEKALKKKKIRGPEKRGADDEDE
KEWGDDEEQPSKRRRVENSIPAAGETQNVVVAAGPAGKCAAVDVEPPSKQKEKAASLKRMPKVLHDDS
KDSITVFVSNLPYSMQEPDTKLRPLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEKSALQALEMDRKS
V EGRPMFVSPVDKSKNPDFKVFVRYSTSLKHLFISGLPFCTKEELEEEICKAHGTVKDLRLVTNRAGKP
KGLAYVEYENESQASQAVMKMDGMTIKENI IKVAISNPPQRKVPEKPEKTRKAPGGPMLLPQTYGARGKGR
TQLSLLPRALQRPSAAAPQAENGPAAAPAVAAPAATEAPKMSNADF AKLFLRK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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.

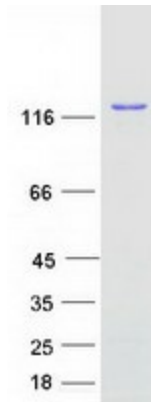


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RefSeq:	NP_055521
RefSeq Size:	4377
RefSeq ORF:	2889
Synonyms:	DSAP1; P100; p110; p110(nrb); RP11-13G14; TIP110
Locus ID:	9733
UniProt ID:	Q15020
Cytogenetics:	12q23.3

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]).