

Recombinant Full Length Human SART3 Protein, C-Flag-tagged

Cat. No. SART3-1815HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SART3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	109.8 kDa
AA Sequence	MATAAETSASEPEAESKAGPKADGEEDEVKAARTRRKVLSRAVAAATYKTMGPAW DQQEEGVSESDGDEY AMASSAESSPGEYEWYDEEEKNQLEIERLEEQLSINVY DYNCHVDLIRLLRLEGELTKVRMARQKMSE IFPLTEELWLEWLHDEISMAQDGLDR EHVYDLFEKAVKDYICPNIWLEYGQYSVGGIGQKGGLEKVRSVF ERALSSVGLHMT

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KGLALWEAYREFESAIVEAARLEKVHSLFRRQLAIPLYDMEATFAEYEEWSEDPIPES
 VIQYNKALQQLKYKPYEEALLQAEAPRLAEYQAYIDFEMKIGDPARIQLIFERALVE
 NCLVPDLWIRY SQYLDRQLKVVDLVLVSVHNRAIRNCPWTVALWSRYLLAMERHGV
 DHQVISVTFEAKLNAGFIQATDYVEI WQAYLDYLRRRVDFKQDSSKELEELRAAFTR
 ALEYLKQEVEERFNESGDPSCVIMQNWARIEARLCNNMQ KARELWDSIMTRGNAK
 YANMWLEYYNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGSLE D
 WDIQVKTETRLARVNEQRMKAAEKEAALVQQEEEEKAEQRKRARAEEKKALKKKKKI
 RGPEKRGADDEDE KEWGDDEEEQPSKRRRVENSIPAAGETQNVEVAAGPAGKCA
 AVDVEPPSKQKEKAASLKRDMPKVLHDSS KDSITVFVSNLPYSMQEPDTKLRLPLFE
 ACGEVVQIRPIFSNRGDFRGYCYVEFKEEKSALQALEMDRKSVEGRPMFVSPCVD
 KSKNPDKVFRYSTSLEKHKLFISGLPFSCTEELEEICKAHGTVKDLRLVTNRAGKP
 KGLAYVEYENESQASQAVMKMDGMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPM
 LLPQTYGARGKGR TQLSLLPRALQRPSAAAPQAENGPAAPAAVAAPAATEAPKMS
 NADFAKLFLRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

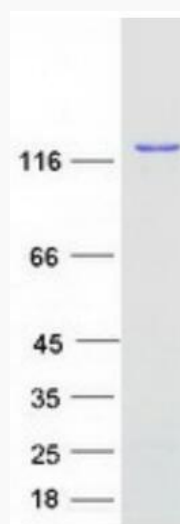
GENE INFORMATION

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Gene Name	SART3 spliceosome associated factor 3, U4/U6 recycling protein [Homo sapiens (human)]
Official Symbol	SART3
Synonyms	P100; p110; DSAP1; TIP110; p110(nrb); RP11-13G14
Gene ID	9733
mRNA Refseq	NM_014706.4
Protein Refseq	NP_055521.1
MIM	611684
UniProt ID	Q15020



Coomassie blue staining of purified SART3 protein.

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