

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

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

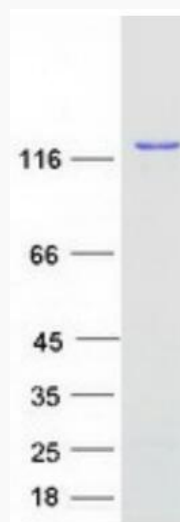
 45-1 Ramsey Road, Shirley, NY 11967, USA

KGLALWEAYREFESAIVEAARLEKVHSLFRRQLAIPLYDMEATFAEYEEWSEDPIPES  
 VIQYNKALQQLKYKPYEEALLQAEAPRLAEYQAYIDFEMKIGDPARIQLIFERALVE  
 NCLVPDLWIRY SQYLDRQLKVVDLVSVHNRAIRNCPWTVALWSRYLLAMERHGV  
 DHQVISVTFEALNAGFIQATDYVEI WQAYLDYLRRRVDFKQDSSKELEELRAAFTR  
 ALEYLKQEVEERFNESGDPSCVIMQNWARIEARLCNNMQ KARELWDSIMTRGNAK  
 YANMWLEYYNLERAHGDTQHCRKALHRAVQCTSDYPEHVCEVLLTMERTEGSLE D  
 WDIQVKTETRLARVNEQRMKAAEKEAALVQQEEEEKAEQRKRARAEEKKALKKKKKI  
 RGPEKRGADDEDDE KEWGDDEEEQPSKRRRVENSIPAAGETQNVESAAGPAGKCA  
 AVDVEPPSKQKEKAASLKRDMPKVLHDSS KDSITVFVSNLPYSMQEPDTKLRLPLFE  
 ACGEVVQIRPIFSNRGDFRGYCYVEFKEEKSALQALEMDRKSVEGRPMFVSPCVD  
 KSKNPDKVFRYSTSLEKHKLFISGLPFSCTEELEEICKAHGTVKDLRLVTNRAGKP  
 KGLAYVEYENESQASQAVMKMDGMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPM  
 LLPQTYGARGKGR TQLSLLPRALQRPSAAAPQAENGPAAPAAVAAPAATEAPKMS  
 NADFAKLFLRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <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>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

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



Coomassie blue staining of purified SART3 protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA