

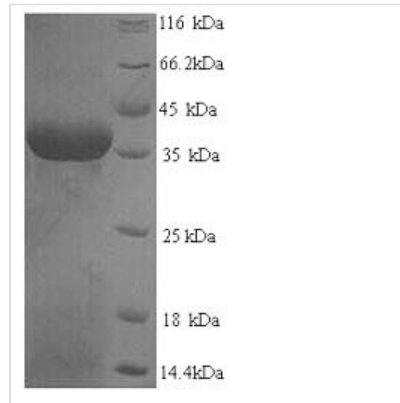


# Recombinant Human Squamous cell carcinoma antigen recognized by T-cells 3(SART3),partial

<b>Product Code</b>	CSB-YP624010HU
<b>Relevance</b>	<p>U6 snRNP-binding protein that functions as a recycling factor of the splicing machinery. Promotes the initial reassembly of U4 and U6 snRNPs following their ejection from the spliceosome during its maturation (PubMed:12032085). Also binds U6atac snRNPs and may function as a recycling factor for U4atac/U6atac spliceosomal snRNP, an initial step in the assembly of U12-type spliceosomal complex. The U12-type spliceosomal complex plays a role in the splicing of introns with non-canonical splice sites (PubMed:14749385). May also function as a substrate-targeting factor for deubiquitinases like USP4 and USP15. Recruits USP4 to ubiquitinated PRPF3 within the U4/U5/U6 tri-snRNP complex, promoting PRPF3 deubiquitination and thereby regulating the spliceosome U4/U5/U6 tri-snRNP spliceosomal complex disassembly (PubMed:20595234). May also recruit the deubiquitinase USP15 to histone H2B and mediate histone deubiquitination, thereby regulating gene expression and/or DNA repair (PubMed:24526689). May play a role in hematopoiesis probably through transcription regulation of specific genes including MYC (By similarity).By similarity4 Publications Regulates Tat transactivation activity through direct interaction. May be a cellular factor for HIV-1 gene expression and viral replication.</p>
<b>Abbreviation</b>	SART3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15020
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Tat-interacting protein of 110 kDa1 Publication Short name: Tip1101 Publication p110 nuclear RNA-binding protein
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	<p>QRKRARAEEKKALKKKKKKIRGPEKRGADEDDEKEWGDDEEEQPSKRRRVENSI          PAAGETQNVEVAAGPAGKCAAVDVEPPSKQKEKAASLKRDMPKVLHDSSKDS          ITVFVSNLPYSMQEPDTKLRPLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEK          SALQALEMDRKSVEGRPMFVSPCVDKSKNPDKVFRYSTSLEKHKLFIISGLPF          SCTKEELEEEICKAHGTVKDLRLVTNRAGPKGLAYVEYENESQASQAVMKMD          GMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPMLLP</p>
<b>Research Area</b>	Cancer



<b>Source</b>	Yeast
<b>Gene Names</b>	SART3
<b>Protein Names</b>	Recommended name: Squamous cell carcinoma antigen recognized by T-cells 3 Short name= SART-3 Short name= hSART-3 Alternative name(s): Tat-interacting protein of 110 kDa Short name= Tip110
<b>Expression Region</b>	600-900aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	35.8kDa
<b>Protein Description</b>	Partial

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.