



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

Product Code	CSB-EP624010HU
Relevance	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. 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. 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. May also recruit the deubiquitinase USP15 to histone H2B and mediate histone deubiquitination, thereby regulating gene expression and/or DNA repair. May play a role in hematopoiesis probably through transcription regulation of specific genes including MYC.
Abbreviation	SART3
Storage	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.
Uniprot No.	Q15020
Alias	Tat-interacting protein of 110 kDa1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QKRARAEEKKALKKKKKKIRGPEKRGADEDDEKEWGDDEEEQPSKRRRVENSI PAAGETQNV EVAAGPAGKCAAVDVEPPSKQKEKAASLKRDM PKVLHDSSKDS ITVFVSNLPYSMQEPDTKLRLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEK SALQALEMDRKSVEGRPMFVSPCVDKSKNPDKFVFRYSTSLEKHKLFISGLPF SCTKEELEEEICKAHGTVKDLRLVTNRAGKPKGLAYVEYENESQASQAVMKMD GMTIKENIIKVAISNPPQRKVPEKPETRKAPGGPMLLP
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Cancer
Source	E.coli
Gene Names	SART3
Protein Names	Recommended name: Squamous cell carcinoma antigen recognized by T-cells 3 Short name= SART-3 Short name= hSART-3 Alternative name(s): Tat-

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