



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 reassbly 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 assbly 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 disassbly . 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 hatopoiesis 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 | QRKRARAEKKALKKKKKIRGPEKRGADEDDEKEWGDDEEEQPSKRRRVENSI PAAGETQNVEVAAGPAGKCAAVDVEPPSKQKEKAASLKRDMPKVLHDSSKDS ITVFVSNLPYSMQEPDTKLRPLFEACGEVVQIRPIFSNRGDFRGYCYVEFKEEK SALQALEMDRKSVEGRPMFVSPCVDKSKNPDFKVFRYSTSLEKHKLFISGLPF SCTKEELEEICKAHGTVKDLRLVTNRAGKPKGLAYVEYENESQASQAVMKMD 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- |











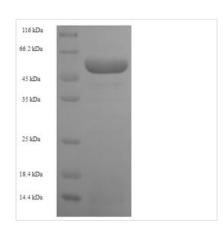
| Expression Region | 600-900aa |
|--------------------------|---|
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

N-terminal 6xHis-SUMO-tagged Tag Info

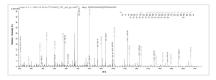
Mol. Weight 49.8kDa

Protein Description Partial

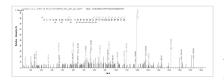
Image



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP624010HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) SART3.



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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.