



# Recombinant *Schizosaccharomyces pombe* Arrestin family protein 1 (art1)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-YP528572SXV  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | O42956   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MTSPCTLIRQ FSPLEIRPLP HLDFQAGFNG IPTSAPRLVG IVQVRSKEIH<br>QPLALVQITL ELWKIESVVI PSLGISNHLS DNKCLARQVL FPLHSEHPEN<br>NIPPNDNNYS ISDLSIKSPP PSLTSDWIVD SYASDQDNPS VHETHNRTTPP<br>IPPHLPNAS GSSVYQPPYT PFRSVSTTSS SNDTSITPFG DQTPILSSSS<br>DPYATHRVWS MDLPFEIPFP ENSEIPSTFE LNRSGETICST KYELRAHMSL<br>LGVPDITTTV PVSLSRVDNL SSWGMYNSPT NIRQVSSDGR VVVEVSIPKL<br>CIGPSDLVSV FVSIMPNNGS KIRVQQLSLS LVEYITFIHP SSSSPIVRKK<br>KVLRYEEDLD DMKLTSEGLS KLSLKPFPDI DFEDANITGF TTTSDLYSVQ<br>YMLVIKVQLY RARNIEITNP IIVSPVERSR SQALLNEIQT RVLVDVRQSHG<br>GVVLEENVRI VRASDFSKNN MFAYLNDDIV LLS |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | art1   |
| <b>Protein Names</b>     | Recommended name: Arrestin family protein 1  |
| <b>Expression Region</b> | 1-483  |
| <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>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |