

## Product datasheet for **AR51184PU-S**

### SIVA1 / SIVA (1-175, His-tag) Human Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | SIVA1 / SIVA (1-175, His-tag) human protein, 0.1 mg  |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMPKRSCP FADVAPLQLK VRVSQRELSR GVCAERYSQE VFEKTKRLLF LGAQAYLDHV WDEGCAVVHL PESPKPGPTG APRAARGQML IGPDGLRLRS LGQASEADPS GVASIACSSC VRAVDGKAVC GQCERALCGQ CVRTCWGC GS VACTLCGLVD CSDMYEKVLC TSCAMFET |
| Tag:                                  | His-tag  |
| Predicted MW:                         | 21.1 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >85% by SDS - PAGE   |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea   |
| Preparation:                          | Liquid purified protein  |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.  |
| Stability:                            | Shelf life: one year from despatch.  |
| RefSeq:                               | <a href="#">NP_006418</a>  |
| Locus ID:                             | 10572  |
| UniProt ID:                           | <a href="#">O15304</a>   |
| Cytogenetics:                         | 14q32.33   |
| Synonyms:                             | CD27BP; SIVA; Siva-1; Siva-2   |



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**Summary:**

This gene encodes an E3 ubiquitin ligase that regulates cell cycle progression, cell proliferation and apoptosis. The N-terminus of this protein binds to the cytoplasmic tail of the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. In response to UV radiation-induced DNA damage, this protein has been shown to mediate the ubiquitination of proliferating cell nuclear antigen (PCNA), an important step in translesion DNA synthesis. [provided by RefSeq, Sep 2018]

**Protein Families:**

Druggable Genome

**Product images:**