

## Product datasheet for **TP315680**

### SIVA (SIVA1) (NM\_006427) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SIVA1, apoptosis-inducing factor (SIVA1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215680 representing NM_006427 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MPKRSCPFADVAPLQLKVRVRSQRELSRGVCAERYSQEVFEKTKRLLFLGAQAYLDHWVDEGCAVHLPES PKPGPTGAPRAARGQMLIGPDGRLIRSLGQASEADPSGVASIACSSCVRAVDGKAVCGQCERALCGQCVR TCWGCGSVACTLCGLVDCSDMYEKVLCTSCAMFET  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	18.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006418</a>
Locus ID:	10572
UniProt ID:	<a href="#">O15304</a>



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RefSeq Size: 751

Cytogenetics: 14q32.33

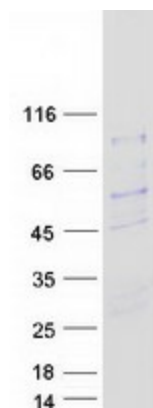
RefSeq ORF: 525

Synonyms: CD27BP; SIVA; Siva-1; Siva-2

**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:



Coomassie blue staining of purified SIVA1 protein (Cat# TP315680). The protein was produced from HEK293T cells transfected with SIVA1 cDNA clone (Cat# [RC215680]) using MegaTran 2.0 (Cat# [TT210002]).