

Product datasheet for PH315680

SIVA (SIVA1) (NM_006427) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SIVA1 MS Standard C13 and N15-labeled recombinant protein (NP_006418)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215680
Predicted MW:	18.5 kDa
Protein Sequence:	>RC215680 representing NM_006427 Red=Cloning site Green=Tags(s) MPKRSCPFADVAPLQLKVRVSQRELSRGVCAERYSQEVFEKTKRLLFLGAQAYLDHVWDEGCAVVHLPES PKPGPTGAPRAARGQMLIGPDGRLIRSLGQASEADPSGVASIIACSSCVRAVDGKAVCGQCERALCGQCVR TCWGCGSVACTLCGLVDCSDMYEKVLCTSCAMFET TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006418
RefSeq Size:	751
RefSeq ORF:	525
Synonyms:	CD27BP; SIVA; Siva-1; Siva-2
Locus ID:	10572
UniProt ID:	O15304



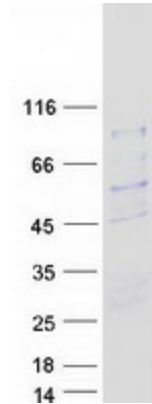
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Cytogenetics: 14q32.33

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]).