Recombinant Human SIVA1, apoptosis-inducing factor, His-tagged

Cat. No. SIVA1-277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SIVA1, 1-175aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-175 a.a.
Description	Apoptosis regulatory protein Siva isoform 1, also known as SIVA1, is a death domain-containing proapoptotic protein identified as an intracellular ligand of CD27 and of the glucocorticoid-induced TNFR family-related gene, which are two members of the TNFR family expressed on lymphoid cells. SIVA1 expression is up-regulated in multiple pathological processes, little is known about the signaling pathway underlying the Siva-induced apoptosis. Recombinant human SIVA1 protein, fused to His-tag at N-terminus, was expressed in E.coli. (denatured)
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Molecular Mass	21.1 kDa (198aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPKRSCP FADVAPLQLK VRVSQRELSR GVCAERYSQE VFEKTKRLLF LGAQAYLDHV WDEGCAVVHL PESPKPGPTG APRAARGQML IGPDGRLIRS LGQASEADPS GVASIACSSC VRAVDGKAVC GQCERALCGQ CVRTCWGCGS VACTLCGLVD CSDMYEKVLC TSCAMFET

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SIVA1 SIVA1, apoptosis-inducing factor [Homo sapiens]
Official Symbol	SIVA1
Synonyms	SIVA1; SIVA1, apoptosis-inducing factor; apoptosis regulatory protein Siva; CD27BP; SIVA; Siva 1; Siva 2; CD27-binding (Siva) protein; Siva-1; Siva-2;
Gene ID	10572
mRNA Refseq	NM_006427
Protein Refseq	NP_006418
MIM	605567
UniProt ID	O15304
Chromosome Location	14q32.33
Function	CD27 receptor binding; cysteine-type endopeptidase activator activity involved in apoptotic process; metal ion binding; protein binding; viral receptor activity; zinc ion binding;

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