

Product datasheet for **AR09949PU-N**

SPOP (1-347, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SPOP (1-347, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSH HHHHHH SSGLVPRGSH</u> MSRVSPPPP AEMSSGPVAE SWCYTQIKVV KFSYMWTTINN FSFCREEMGE VIKSSTFSSG ANDKCLKWCLR VNPKGLDEES KDYLSLYLLL VSCPKSEVRA KFKFSILNAK GEETKAMESQ RAYRFVQGKD WGFKKFIRRD FLLDEANGLL PDDKLTLFCE VSVVQDSVNI SGQNTMNMVK VPECRLADEL GGLWENSFRF DCCLCVAGQE FQAHKAILAA RSPVFSAMFE HEMEEKKNR VEINDVEPEV FKEMMCFIYT GKAPNLDKMA DLLAAADKY ALERLKVMCE DALCSNLSVE NAAEILILAD LHSADQLKTQ AVDFINYHAS DVLETSGWKS MVSHPHLVA EAYRSLASQ CPFLGPPRKR LKQS
Tag:	His-tag
Predicted MW:	44.3 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 50% glycerol, 0.2M NaCl, 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SPOP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001007227</u>
Locus ID:	8405
UniProt ID:	<u>O43791</u>



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Cytogenetics: 17q21.33

Synonyms: BTBD32; NEDMACE; NEDMIDF; NSDVS1; NSDVS2; TEF2

Summary: This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Product images:

