

Product datasheet for PH301551

SPOP (NM_001007229) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPOP MS Standard C13 and N15-labeled recombinant protein (NP_001007230)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201551
Predicted MW:	42.1 kDa
Protein Sequence:	>RC201551 protein sequence Red=Cloning site Green=Tags(s)
	MSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMWTINNF SFCREEMGEVIKSSTFSSGANDKWKCLR VNPKGLDEESKDYLSLYLLLVSCKPKSEVRAKFKFSILNAKGEETKAMESQRAYRFVQKDWGFKKFIIRD FLLDEANGLLPDDKLTLCFCEVSVVQDSVNI SGQNTMNMVKVPECRLADELGGLWENSRTDCCLCVAGQE FQAHKAILAARSPVFSAMFEHEMEE SKKNRVEINDVEPEVFKEMMCFIYTGKAPNLDKMADLLAAADKY ALERLKMVEDALCSNLSVENAAEILILADLHSADQLKTQAVDFINYHASDVLETSGWKSMMVSHPHLVA EAYRSLASAQCPFLGPPRKRLKQS
	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:	<u>NP_001007230</u>
RefSeq Size:	2982
RefSeq ORF:	1122
Synonyms:	BTBD32; NEDMACE; NEDMIDF; NSDVS1; NSDVS2; TEF2
Locus ID:	8405



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UniProt ID: [O43791](#)

Cytogenetics: 17q21.33

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:



Coomassie blue staining of purified SPOP protein (Cat# [TP301551]). The protein was produced from HEK293T cells transfected with SPOP cDNA clone (Cat# [RC201551]) using MegaTran 2.0 (Cat# [TT210002]).