

Product datasheet for RC213975

SPOP (NM_001007227) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOP (NM_001007227) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SPOP
Synonyms:	BTBD32; NEDMACE; NEDMIDF; NSDVS1; NSDVS2; TEF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213975 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAGGGTTCCAAGTCTCCACCTCCGGCAGAAATGTCGAGTGGCCCCGTAGCTGAGAGTTGGTGCT
ACACACAGATCAAGGTAGTCAAATTTCTCTACATGTGGACCATCAATAACTTTAGCTTTTCCGGGAGGA
AATGGGTGAAGTCATTAAGTTCTACATTTTCATCAGGAGCAAATGATAAACTGAAATGGTGTTCGGA
GTAACCCCAAAGGTTAGATGAAGAAAGCAAAGATTACCTGTCACCTTTACCTGTTACTGGTCAGCTGTC
CAAAGAGTGAAGTTCGGGCAAAATTCAAATTCCTCATCCTGAATGCCAAGGGAGAAGAAACCAAAGCTAT
GGAGAGTCAACGGGCATATAGGTTTGTGCAAGGCAAGACTGGGGATTCAAGAAATTCATCCGTAGAGAT
TTTCTTTTGGATGAGGCCAACGGGCTTCTCCCTGATGACAAGCTTACCCTCTTCTGCGAGGTGAGTGTTG
TGCAAGATTCTGTCAACATTTCTGGCCAGAATACCATGAACATGGTAAAGGTTCCCTGAGTGCCGGCTGGC
AGATGAGTTAGGAGGACTGTGGGAGAAATCCCGGTTCCACAGACTGCTGCTTGTGTGTTGCCGGCCAGGAA
TTCCAGGCTCACAAGGCTATCTTAGCAGCTCGTTCTCCGGTTTTAGTGCCATGTTTGAACATGAAATGG
AGGAGAGCAAAAAGAATCGAGTTGAAATCAATGATGTGGAGCCTGAAGTTTTTAAGGAAATGATGTGCTT
CATTTACACGGGGAAGGCTCAAACCTCGACAAAATGGCTGATGATTTGCTGGCAGCTGCTGACAAGTAT
GCCCTGGAGCGCTTAAAGTTCATGTGTGAGGATGCCCTCTGCAGTAACCTGTCCGTGGAGAACGCTGCAG
AAATTTCTATCCTGGCCGACCTCCACAGTGCAGATCAGTTGAAAACCTCAGGCAGTGGATTTTCATCAACTA
TCATGTTCTGGATGTCTTGGAGACCTCTGGGTGGAAGTCAATGGTGGTGTACATCCCCACTTGGTGGCT
GAGGCATACCGCTCTCTGGCTTCAGCACAGTGCCTTTTCTGGGACCCACGCAAACGCTGAAGCAAT
CC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001007227.1](#), [NP_001007228.1](#)

RefSeq Size: 2983 bp

RefSeq ORF: 1125 bp

Locus ID: 8405

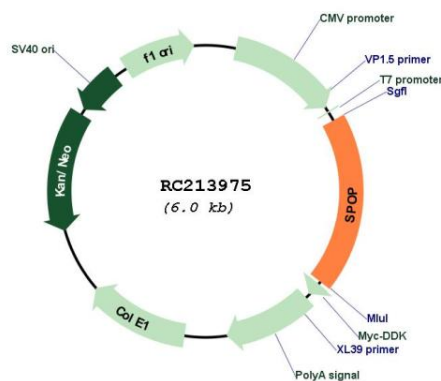
UniProt ID: [O43791](#)

Cytogenetics: 17q21.33

MW: 42.1 kDa

Gene 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:



Circular map for RC213975