

Product datasheet for RC218898

Syntenin 2 (SDCBP2) (NM_015685) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syntenin 2 (SDCBP2) (NM_015685) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Syntenin 2
Synonyms: SITAC; SITAC18; ST-2; ST2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC218898 representing NM_015685
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGTGGCACCAGGTAACCGGGTACAGCCTGGGCGTGCGGCGAGCTGAGATCAAGCCCGGGTGCGCGAGA
 TCCACCTGTGCAAGGACGAGCGCGCAAGACCGGGCTGAGGCTGCGGAAGGTCGACCAGGGGCTCTTTGT
 GCAGTTGGTCCAGGCCAACCCCTGCATCCCTTGTGGGCTGCGCTTTGGGACCAGCTCTGCAGATT
 GACGGGCGTGACTGTGCTGGGTGGAGCTGCACAAAGCCCATCAGGTGGTGAAGAAGGCATCAGGCGATA
 AGATTGTCGTGGTGGTTCGGGACAGGCCGTTCCAGCGGACTGTCACCATGCACAAGGACAGCATGGGCCA
 CGTCGGCTTCGTGATCAAGAAGGGGAAGATTGTCTCTCTGGTCAAAGGGAGTTCTGCGGCCCGCAACGGG
 CTCTCCACCAACCACTACGTGTGTGAGGTGGACGGCAGAAATGTTATCGGGCTGAAGGACAAAAAGATCA
 TGGAGATTCTGGCCACGGCTGGGAACGTTGTACCCTGACCATCATCCCCAGTGTGATCTACGAGACAT
 GGTCAAAAAGTTGCCCTCCAGTCTGCTCCACCACCATGGACCACTCCATCCCAGATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218898 representing NM_015685
 Red=Cloning site Green=Tags(s)

MVAPVTGYSLGVRRAEIKPGVREIHLCKDERGKTGLRLRKVDQGLFVQLVQANTPASLVGLRFGDQLLQI
 DGRDCAGWSSHKAHQVVKASGDKIVVVVRDRPFQRTVTMHKDSMGHVGFVIKKGKIVSLVKGSSAARNG
 LLTNHYVCEVDGQNVIGLKDKKIMEILATAGNVVTLTIIPSVIYEHMVKKLPPVLLHHTMDHSIPDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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UniProt ID: [Q9H190](#)

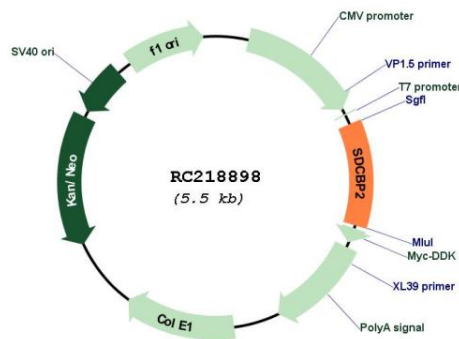
Cytogenetics: 20p13

Domains: PDZ

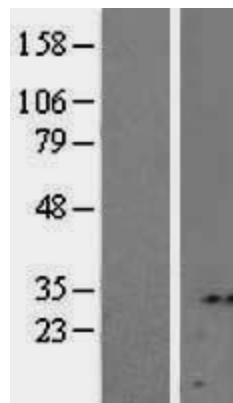
MW: 22.5 kDa

Gene Summary: The protein encoded by this gene contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The encoded protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Read-through transcription also exists between this gene and the upstream FKBP1A (FK506 binding protein 1A, 12kDa) gene, as represented in GenID:100528031. [provided by RefSeq, Sep 2011]

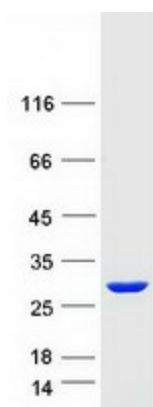
Product images:



Circular map for RC218898



Western blot validation of overexpression lysate (Cat# [LY414380]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218898 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SDCBP2 protein (Cat# [TP318898]). The protein was produced from HEK293T cells transfected with SDCBP2 cDNA clone (Cat# RC218898) using MegaTran 2.0 (Cat# [TT210002]).