

Product datasheet for **RC216221**

SNX1 (NM_148955) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SNX1 (NM_148955) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | SNX1 |
| Synonyms: | HsT17379; VPS5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>RC216221 representing NM_148955
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTCGGGTGGTGGCTGTAGCGCTTCGGAGAGACTGCCTCCGCCCTCCCGGCCCTGGAGCCGG
 AGTCCGAGGGGGCGGCCGGGGATCAGAACCAGGCTGGGGACAGCGACACCGAGGGGAGGACATTTT
 CACCGGCGCCGGTGGTCACTAAACATCAGTCTCCAAAGATAACTACATCCCTTCTCCATCAACAAT
 GGCTCCAAAGAAAATGGGATCCATGAAGAACAAGACCAAGAGCCACAGGATCTCTTTGCAGGGGATGGTA
 TGAATGCATATGTAGCCTACAAAGTTACAACACAGACAAGCTTACCATTGTTTCAAGCAAAACAGTTTGC
 AGTAAAAAGAAGATTTAGTGACTTTCTGGGTCTTTATGAGAAGCTTTCCGAGAAGCACTCTCAGAATGGC
 TTCATTGTCCCTCCGCCCGGAGAAGAGCCTCATAGGGATGACAAAAGTAAAAGTTGGGAAGGAAGATT
 CTTCTTCTGCAGAATTTCTGAAAACGGAGGGCCGCTTTAGAAAAGTACCTTCAGAGGATTGTAATCA
 TCCTACCATGTTACAGGACCCTGACGTGAGAGAGTTCTTGAAAAAGAAGAGCTGCCACGTGCCGTGGGT
 ACCCAGACATTGAGTGGTGTGCTCCTCAAGATGTTCAACAAAGCCACAGATGCCGTACGAAAATGA
 CCATCAAGATGAATGAATCAGACATTTGGTTTGGAGAGAAGCTCCAGGAGGTAGAGTGTGAGGAGCAGCG
 CTTACGAAAACGATGCTGTTGTAGAACTCTAGTCAACCATAGGAAAGAGCTAGCGCTGAACACAGCC
 CAGTTTGCAAAGAGTCTAGCCATGCTTGGGAGCTCTGAGGACAACACGGCATTGTACGGGCACTCTCC
 AGCTGGCTGAGGTGGAAGAAAAATTGAGCAGCTCCACCAGGAACAGGCCAACATGACTTCTTCTCTCT
 TGCTGAGCTCTGAGTACTACATTCGCTCCTGGCCATAGTCCGCGCTGCCTTCGACCAGCGCATGAAG
 ACATGGCAGCGCTGGCAGGATGCCAAGCCACTGCAGAAGAAGCGGGAGGCCAGGCTCGGCTGCTGT
 GGGCCAAACAGCCTGATAAGCTGCAGCAGGCCAAGGACGAGATCCTCGAGTGGGAGTCTCGGCTGACTCA
 ATATGAAAAGGGACTTCGAGAGGATTTCAACAGTGGTCCGAAAAGAAGTGATACGGTTTGAGAAAAGAGAAA
 TCCAAGGACTTCAAGAACCAGTGATCAAGTACCTTGAGACACTCTTTACTCACAGCAGCAGCTGGCAA
 AGTACTGGGAAGCCTTCTTCTGAGGCAAGGCCATCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216221 representing NM_148955
 Red=Cloning site Green=Tags(s)

MASGGGCSASERLPPFPFLEPESEGAAGGSEPEAGDSDEGEDIFTGAAVSKHQSPKITTSLPINN
 GSKENGIHEEQDEPQDLFAGDGMNAYVAYKVTQTSLPLFRSKQFAVKRRFSDFLGLYEKLSEKHSQNG
 FIVPPPPEKSLIGMTKVKVKGEDSSSAEFLEKRRALERYLQRIVNHPTMLQDPDVREFLEKEELPRAVG
 TQTL SGAGLLKMFNKATDAVSKMTIKMNESDIWFEEKLQEVECEEQRLRKLHAVVETLVNHRKELALNTA
 QFAKSLAMLGSSEDNTALSRALSQLAEVEEKIEQLHQEQANNDFFLLAELLSDYIRLLAIVRAAFDQRMK
 TWQRWQDAQATLQKKREAEARLLWANKPDKLQAKDEILEWESRVTYERDFERISTVVRKEVIRFEKEK
 SKDFKNHVIKYLETLLYSQQQLAKYWEAFLPEAKAIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8061_c03.zip

Restriction Sites:

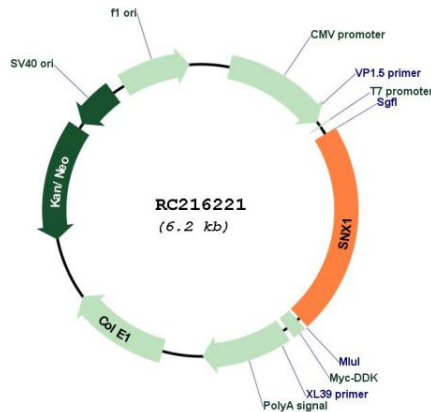
Sgfl-Mlul

Protein Families: Druggable Genome

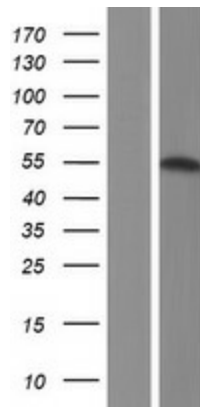
MW: 51.6 kDa

Gene Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC216221



Western blot validation of overexpression lysate (Cat# [LY407727]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216221 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).