

# Product datasheet for RG219205

## SNX18 (NM\_001102575) Human Tagged ORF Clone

### Product data:

Product Type:	Expression Plasmids
Product Name:	SNX18 (NM_001102575) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SNX18
Synonyms:	SH3PX2; SH3PXD3B; SNAG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Sgfi ORF Miu i

--- GCGATCGC C ATC ---- NNN ACG CGT ----Kozac <u>Consensus</u> <u>EcoR I BamH I Kon I RBS Sgf I Asc I</u> CTATAGGGCGGCCGGCAATTCGTCGACTGGATCCGGAGGAGATCTGCCCGGCGCGCAATCC

HIND III Nhe I RSr II MIU I Not I Xho I GFP Tag CAAGCTTAACTAGCGGACCG ACG CGT ACG CGG CCG CCC GAG ATG GAG AGC GAC --- ---T R T R P L E M E S D - - -

Pme I Fse I ---- GAA GAA AGA GTT TAA ACGGCCGGCGGGGGGGGG - - E E R V Stop

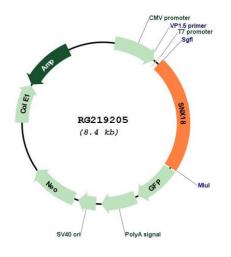
#### **OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 20

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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#### Plasmid Map:



ACCN:	NM_001102575
ORF Size:	1872 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 001102575.2</u>

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	SNX18 (NM_001102575) Human Tagged ORF Clone – RG219205
RefSeq Size:	5238 bp
RefSeq ORF:	1875 bp
Locus ID:	112574
UniProt ID:	<u>Q96RF0</u>
Cytogenetics:	5q11.2
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 protein does not contain a coiled coil region, like some family members, but contains a SH3 domain. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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