

Product datasheet for **SC321217**

SNX15 (NM_013306) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SNX15
Synonyms:	HSAF001435
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:	>OriGene sequence for NM_013306.3 CGCAGGCCTGGCGAGGCGGCGGGCGGAGGCTGGGCCGAGGGGTGGGGACGGCGAGG AGGTGGAGGCCGGCGCTCCGCTCCGCTCCAGCTCGGTTTCATGTCCCGCAGGCGAAGGA TGACTTCTGCGGCACTACACAGTGTGGACCCAGGACTACCCCAAGGGCTACACCGA GTACAAAGTAACCGCGCAGTTTATCTCAAAGAAGGACCCAGAGGATGTCAAAGAGGTGGT GGTCTGGAAGCGGTACAGCGACTTCCGCAAGCTGCATGGAGACCTGGCCTACACCCACCG CAACCTCTTCCGCCGCTCGAGGAGTTCCCTGCTTTCCCCGGGCCAGGTGTTTGGCCG GTTTGAAGCCTCAGTGATCGAGGAGCGGCAAGGGGCGAGGACCTGCTTCGCTTAC TGTGCACATACCTGCGCTCAACAACAGCCCCAGCTCAAGGAGTTCTCCGGGTGGGGA GGTGACCCGACCTTGGAGGTGCCAGGACCTACACATCCTGCCACCCCTCTGATCCC CACCCCGCCCCCTGATGACCCCGGCTATCCCAACTGCTCCTGCAGAAAGGAGGGGCT CGAGGAATTGGAGGTGCCAGTGGACCCCCACCATCCAGCCTGCCAGGAGGCCCTGGA TCTCCTCTTTAACTGTGAGAGCACCGAGGAGGCATCTGGTTCCCCTGCCGAGGCCCTG CACCGAGGCTGAGCTTGCCTCTTCGACCCCTTCTCAAGGAAGAAGGCGCAGCCCCAG CCCCACCATGTGGCTGAGCTGGCAACGATGGAGGTGAGTCTGCAAGGCTGGACCAGGA ACCCTGGGAGCCAGGAGGCGAGGAGGAAGAGGATGGGAAGGAGGGCCACCCCTGC CTACCTAAGCCAGGCCACAGAGCTCATCACCAGGCCCTGCGGGATGAGAAGGCAGGCGC TTACGCTGCTGCACTCCAGGGCTATCGAGACGGCGTGACGCTTGCTTCAGGAGTCCC CAGTGACCCGTTGCCTGCCCGCCAGGAAGGTGTGAAGAAGAAGGCAGTGAGTACCTGAA GCGGGCAGAGGAGATCCTGCGCTGCACCTGTCTCACTCCACCTAACAGGAGTGGG CCATTCCCTGGGACTCTCGCTCCTGCACTGCCAGCCCTTCTCCTCTCCCAGGGCCTGG CCCTACCTCCTGGTCTTGAATTACAGGAGCCATTTCTGTAGGTAAGTGGACCAAGAATG AGAAAAATAATGAATTCTTAGCTCCCTGATTACACCTGCCACCTTGAATCCAGGACTCA CACTTCTGACCTGCTGTCTTTTGGGTTTTTTGAGTTGGAGTCTCGCTGTGTCGCC CAGACTGGAGTGCAAGTGGTGGGATCGCGGCTCACTGCAACCTCCACCTCCCAGGTTCAAG CAGTTCTCCTGTCTCAGCTCCCCAGTAGCTGAGATTGCAGGCACATGCCACCACGCCCA GCTAATATTTTGTATTTTCAAGTAGGACGGGGTTACACCATGTTGGCCAGGCTGGTCTCG AACTCCTGACCTCAAGTGATCCACCCGCTCAGTCTCCAAAGTGTGAGATTACAGGCA TGAGTCACTACGCCCGGCCATGTCTGTCTGTCTTGATGTGTGAGCAGCAGCTGTGGTCA TTAAACCATTAGTTTACCCCTCTAGAACTGGGGTCTGCAAACTCCACCTGCAGCCAAAT CTGGCCACCTCCTTTTAAATGTAAGGGCTGTGAGAGTGGTTTTTACTTTTTTAAATGAT TAAAAAATCAAAATAATTTCTGTGACAATGACAGGTGAAATTTATATGTGACAAGTGA AAATTATATGAAATTTAAGAGTCCATAAAATAAAATTTGTTGGAACACAAAAAAAAAAAA AAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_013306
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_013306.3, NP_037438.2</u>
RefSeq Size:	1926 bp
RefSeq ORF:	1029 bp
Locus ID:	29907
UniProt ID:	<u>Q9NRS6</u>
Cytogenetics:	11q13.1
Domains:	PX, MIT
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. Overexpression of this gene results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits. This decrease is caused by the mislocalization of furin, the endoprotease responsible for cleavage of insulin and hepatocyte growth factor receptors. This protein is involved in endosomal trafficking from the plasma membrane to recycling endosomes or the trans-Golgi network. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream ADP-ribosylation factor-like 2 (ARL2) gene. [provided by RefSeq, Dec 2010] Transcript Variant: This variant (A, also known as SNX15) represents the longer transcript and encodes the longer isoform (A).