

Product datasheet for **SC319108**

SPX (NM_030572) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPX (NM_030572) Human Untagged Clone
Tag: Tag Free
Symbol: SPX
Synonyms: C12orf39
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_030572.1
CTGACAAGATGTCCTGTGGACTCCCAAACCTACTCCAGATGGGGAGGTGCCCTTAACA
CCAAGATTTTAAAAGCTCCAATTTTCAGAGCAAGAGTCGAAAACCTCACAGATAAAGTTATA
GTTATTTTCAGGGTTCTGAAAAGACGCAGAACATGAAGGGACTCAGAAGTCTGGCAGCAAC
AACCTTGGCTCTTTTCTGGTGTGTTTCTGGGAACTCCAGCTGCGCTCCGCAGAG
ACTGTTGGAGAGAAGGAACTGGACTCCTCAAGCTATGCTCTACCTGAAAGGGGCACAGGG
TCGCCGCTTCATCTCCGACCAGACCCGGAGAAAGGACCTCTCCGACCGCCACTGCCGGA
AAGACGAAGCCCAAATCCCAACTACTAATTTCCGGAGGCAGCAACCATCTTACTGGC
GTCCTTCAGAAATCACCAGAAGATGAAGAAAAAACTTTGATCAAACCAGATTCCTGGA
AGACAGTCTGCTTAAGTGGTAAAAATATACTGGATTATGTTAATTATGGTTCTATTCTC
TTTGAAAACATGAACCATGTGAATAAAACCTTTGGACCCTTTTTAAAAAAAAAAAAAAAAA
AAA

Restriction Sites: Please inquire

ACCN: NM_030572

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.



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| 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 style="list-style-type: none">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: | <u>NM_030572.1</u> , <u>NP_085049.1</u> |
| RefSeq Size: | 639 bp |
| RefSeq ORF: | 351 bp |
| Locus ID: | 80763 |
| UniProt ID: | <u>Q9BT56</u> |
| Cytogenetics: | 12p12.1 |
| Protein Families: | Secreted Protein, Transmembrane |
| Gene Summary: | <p>The protein encoded by this gene is a hormone involved in modulation of cardiovascular and renal function. It has also been shown in rats to cause weight loss. Several transcript variants have been found for this gene. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) represents the protein-coding transcript.</p> |