

## Product datasheet for **SC305797**

### C20orf70 (BPIFA2) (NM\_080574) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C20orf70 (BPIFA2) (NM\_080574) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** C20orf70  
**Synonyms:** bA49G10.1; C20orf70; PSP; SPLUNC2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_080574 edited  
GGGGATCCCAGCAGACTGTGCAGTGGGGCAAGGATTTTCATGAGCATCCTCCTCTAAACCG  
GTGTCAAGACAAAAGATGCTTCAGCTTTGGAAACTTGTTCCTGTGCGGCGTGCTCACT  
GGGACCTCAGAGTCTCTTCTTGACAATCTTGGCAATGACCTAAGCAATGTCGTGGATAAG  
CTGGAACCTGTTCTTACGAGGGACTTGAGACAGTTGACAATACTCTTAAAGGCATCCTT  
GAGAACTGAAGGTGACCTAGGAGTGCTTCAAAAATCCAGTGCTTGGCAACTGGCCAAG  
CAGAAGGCCAGGAAGCTGAGAAATTGCTGAACAATGTCATTTCTAAGCTGCTTCCAAC  
AACACGGACATTTTTGGGTTGAAAATCAGCAACTCCCTCATCCTGGATGTCAAAGCTGAA  
CCGATCGATGATGGCAAAGGCCTAACCTGAGCTTCCCTGTCACCGCGAATGCTACTGTG  
GCCGGGCCATCATTGGCCAGATTATCAACCTGAAAGCCTCCTTGGACCTCCTGACCGCA  
GTCACAATTGAACTGATCCCCAGACACACCAGCCTGTTGCCGTCTGGGAGAATGCGCC  
AGTGACCCAACCAGCATCTCACTTTCCTTGTGGACAAAACACAGCCAAATCATCAACAAG  
TTCGTGAATAGCGTGATCAACACGCTGAAAAGCACTGTATCCTCCTGCTGCAGAAGGAG  
ATATGTCCACTGATCCGCATCTTCATCCACTCCCTGGATGTAATGTCATTTCAGCAGGTC  
GTGCATAATCCTCAGCACAAAACCCAGCTGCAAACCCATCTGAAGAGGACGAATGAGG  
AGGACCACTGTGGTGCATGCTGATTGGTCCCAGTGGCTTGCCCCACCCCTTATAGCAT  
CTCCCTCCAGGAAGCTGCTGCCACCACCTAACAGCGTGAAAGCCTGAGTCCCACCAGAA  
GGACCTTCCAGATACCCCTTCTCCTCACAGTCAGAACAGCAGCCTCTACACATGTTGTC  
CTGCCCTGGCAATAAAGGCCATTTCTGCAAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_080574  
**Insert Size:** 1100 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_080574.2.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_080574.2</a></u> , <u><a href="#">NP_542141.1</a></u>
<b>RefSeq Size:</b>	1054 bp
<b>RefSeq ORF:</b>	750 bp
<b>Locus ID:</b>	140683
<b>UniProt ID:</b>	<u><a href="#">Q96DR5</a></u>
<b>Cytogenetics:</b>	20q11.21
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	<p>This gene encodes a member of the palate, lung and nasal epithelium clone (Plunc) family of proteins. Members of this family have been proposed to play a role in the local antibacterial response in nose, mouth and upper respiratory pathways. The encoded soluble salivary protein binds bacterial lipopolysaccharide (LPS) and inhibits bacterial growth. This gene is present in a gene cluster on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>