

## Product datasheet for **SC331370**

### ARMCX5-GPRASP2 (NM\_001199818) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARMCX5-GPRASP2 (NM_001199818) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARMCX5-GPRASP2
Synonyms:	ARMCX5-GPRASP2-BHLHB9-LINC00630; bHLHb9; p60TRP
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC331370 representing NM\_001199818.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACTGGGGCAGAGATTGAGCCTAGTGCCCAAGCCTGAAAAGAAGGCTGGGGAAGAGGTTATC
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GAGCCGCTTATTTCTGCATTTCTGAAATTTGAGGAGTTAGCTAAGCAACTACAAGCCAAAATAGACAA
CAAAATGATCCTGAGGTGGGACAACAAAGTAA
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001199818

**Insert Size:** 2517 bp

**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).

<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>	<a href="#">NM_001199818.1</a>
<b>RefSeq Size:</b>	3940 bp
<b>RefSeq ORF:</b>	2517 bp
<b>Locus ID:</b>	100528062
<b>UniProt ID:</b>	<a href="#">Q96D09</a>
<b>Cytogenetics:</b>	Xq22.1
<b>MW:</b>	93.8 kDa
<b>Gene Summary:</b>	<p>This locus represents naturally occurring readthrough transcription among the adjacent armadillo repeat containing, X-linked 5 (ARMCX5), G protein-coupled receptor associated sorting proteins 1 and 2 (GPRASP1 and GPRASP2), basic helix-loop-helix family member b9 (BHLHB9), and long intergenic non-protein coding RNA 630 (LINC00630) genes on chromosome X. Transcripts may make use of multiple alternative promoters and polyadenylation signals in this region. Readthrough transcripts may produce proteins identical to the proteins encoded by GPRASP2 or BHLHB9. [provided by RefSeq, Apr 2017]</p> <p>Transcript Variant: This variant (1) incorporates exons from ARMCX5 and GPRASP2 and encodes the same protein as GPRASP2. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>