

Product datasheet for **SC335008**

NRBF2 (NM_001282405) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRBF2 (NM_001282405) Human Untagged Clone
Tag:	Tag Free
Symbol:	NRBF2
Synonyms:	COPR; COPR1; COPR2; NRBF-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282405, the custom clone sequence may differ by one or more nucleotides

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ATGTTCCCGGCCCACTACTCCCCTTCTAAGGCCGCCGCTTACCCCGGGTCTATGGAAGTAATGGAA
GGACCCCTCAACCTGCATATCTTCTGAAGCCATGAAGCTGACACAGTCAGAGCAGGCTCATCTTCACT
GGAATTGCAAAGGGATAGCCATATGAAACAGCTCCTCCTCATCCAAGAGAGATGGAAAAGGGCCAGCGT
GAAGAAAGATTGAAAGCCAGCAGAACACAGACAAGGATGCAGCTGCCATCTTCAGACATCTCACAAAC
CCTCTGCAGAGGATGCAGAGGGCCAGAGTCCCCTTCTCAGAAGTACAGCCCTCCACAGAGAAATGCCT
GCCTGAGATTCAGGGGATCTTTGACAGGGATCCAGACACACTACTTTATTTACTTCAGCAAAGAGTGAG
CCAGCAGAGCCATGTATTGGAAGCAAAGCCCCAAAAGATGATAAAACAATTATAGAGGAGCAGGCAACCA
AAATTGCAGATTTGAAGAGGCATGTGGAATTCCTTGTGGCTGAGAATGAAAGATTAAGGAAAGAAAATAA
ACAACTAAAGGCTGAAAAGGCCAGACTTCTAAAAGGTCCAATAGAAAAGGAGCTGGATGTAGATGCTGAT
TTTGTAGAAACGTCAGAGTTATGGAGCTTGCCACCACATGCAGAACTGCTACAGCCTCCTCAACCTGGC
AGAAGTTCGCAGCAAATACTGGGAAAGCCAAGGACATTCCAATCCCCAATCTTCTCCCTTGGAATTTCC
ATCTCCAGAACTCCTCTTATGGAGCTCTCTGAGGATATTCTGAAAGGATTTATGAATAAT
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282405
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).



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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_001282405.1, NP_001269334.1</u>
RefSeq Size:	1830 bp
RefSeq ORF:	834 bp
Locus ID:	29982
UniProt ID:	<u>Q96F24</u>
Cytogenetics:	10q21.3
Protein Families:	Druggable Genome
Gene Summary:	May modulate transcriptional activation by target nuclear receptors. Can act as transcriptional activator (in vitro).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region which results in the use of an alternate AUG compared to variant 1. It encodes isoform 2 which is shorter and has a distinct N-terminus compared to isoform 1.