

Product datasheet for **SC215615**

Rho guanine exchange factor 15 (ARHGEF15) (NM_173728) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Rho guanine exchange factor 15 (ARHGEF15) (NM_173728) Human 3' UTR Clone
Symbol:	Rho guanine exchange factor 15
Synonyms:	ARGEF15; E5; Ephexin5; Vsm-RhoGEF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173728
Insert Size:	1548 bp



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Insert Sequence: >SC215615 3'UTR clone of NM_173728
The sequence shown below is from the reference sequence of NM_173728. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGGCACCCCCAATGCCCCCCACCCTAATGCAGGCTGAGGAGGGGCACATGTTGGGAGACACCTAC
CAGTGTGGCACGGAGAGAACAAAGCCATTTCATCCATTGGATTCACTGTCACTGGAGATACTACCTCTC
GTGGCAACCATAGAGATCGAGCTTCAGGACAGAGCAGCCAATGAAAACGGCCGCCTGAACCCACAGCAA
TAAGAATGAATGAGGATGCCTTGAATGTGTGGCCAATGGAGACAGAGGCTTAGTGCAGAGCAGCCAATG
GGTACTGAGCTGGCTGAGCCTATGGCCAATGAGTATTCTGCTATGCTCAGGGCCAAGGAAGACAAATC
TAGGTCATGGCAGTTGAAAAGGGCCTCATTGGAGATAAAGTCGTAGGATAAAAATGGGAACAGGAATG
AGCAGGAAGCCAATCAGCCAAAGAAAATGGTGATCTGGACCCAAGAGACCAGTAGTCACCCTGCTTGT
TCTGCAGCAATGACTGGTCTGTCTTTGAGTCTGGGAAATACTAGTTTCCATTCTGGATGCTTCTCTG
TGCCCTCTCAAGCCAGTTCTTCTTCCAGAAGAATTCAGAGTATGTGTCTCAGAAAATCTGTGTGTGT
ACATGTGCATGTGTAGATATGTGTGTATATGTATCAGGAAAGGCATTCTGCTGACTGTGGTGTGTGTGT
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TATTCGCTCCAAGAAAGATGCTAAGTCTGAGCTCCAGAAGAGACTGTGCTGGGTGTGGCTTGGCACCCA
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ATCCAGAGCATCTGCTTCCAGATGAGCCAGTGCCTCGCATGATACCAGAGGAGGGCAGGGACAGAGACA
GCAAGGCAGACAGTGGCTGGCAGGGGGGCCAGGCCCGGGACGAGGCCTCCCCTTCCAGCTCAGGCACAG
CAACTTGGCCAGGACTGACTGTACCCTGACTGCAGGAGGCACAGGGACTCCGGGAGACTCAGAGGG
CGAAGAGCACTGGCATTGGCATGTCCATGACATTGGAGACTCCCTAGCAGGGTGCCTGACGTGTGGG
GAACCCTCAGTAAATAGTGGTGCATTTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_173728.4](#)

Summary: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein-coupled receptors. This gene encodes a protein that functions as a specific guanine nucleotide exchange factor for RhoA. It also interacts with ephrin A4 in vascular smooth muscle cells. Two alternatively spliced transcripts variants that encode the same protein have been found for this gene. [provided by RefSeq, Aug 2010]

Locus ID: 22899

MW: 57.5