

Product datasheet for SC213168

RhoGDI (ARHGDI) (NM_004309) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RhoGDI (ARHGDI) (NM_004309) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ARHGDI
Synonyms: GDIA1; HEL-S-47e; NPHS8; RHOGDI; RHOGDI-1
ACCN: NM_004309
Insert Size: 1185 bp
Insert Sequence: >SC213168 3'UTR clone of NM_004309
 The sequence shown below is from the reference sequence of NM_004309. 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
CTCACCATCAAGAAGGACTGGAAGGACTGAGGCCAGCCAGAGGCGGGCAGGGCAGACTGACGGACGGAC
GACGGACAGGCGGATGTGTCCCCCAGCCCTCCCCTCCCATACCAAAGTGCTGACAGGCCCTCCGT
GCCCTCCACCCCTGGTCCGCTCCCTGGCTCAACCGAGTGCCTCCGACCCCTCCTCAGCCC
TCCCCACCCACAGGCCAGCCTCCTCGGTCTCCTGTCTCGTTGTGCTTCTGCCTGTGCTGTGGGGA
GAGAGGCCGACGAGCCCTCTGCTGCCCTTTCTGTGCCCCAGGTTCTATCTCCCGTCACACCCGA
GGCCTGGCTTCAGGAGGGAGCGGAGCAGCATTCTCCAGGCCCGTGGTTGCCCTGGACGTGTGCGTC
TGCTGCTCCGGGTGGAGCTGGGTGTGGGATGCACGGCCTCGTGGGGCCGGGCCGTCTCCAGCCCC
GCTGCTCCCTGGCAGCCCCCTTGTGCTGTGCTGCTGCTAACCATGATGCCTTAACATGTGGAGTG
TACCGTGGGCCCTCACTAGCCTCTAACTCCCTGTGCTGCATGAGCATGTGCCTCCCGTCCCTTCCC
CGGTGGCAACCCAGTGACCCAGGGACAGTGGGTGTGCTGCTGCTCCCCAGCCCACCAAGTGCCT
GGCCAGCCTGCCCTTCCCTGGACAGGCTGTGGAGATGGCTCCGGCGGCTTGGGAAAGCCAAATTG
CCAAAACCTCAAGTCACCTCAGTACCATCCAGGAGGCTGGGTATTGTCTGCCTCTGCCTTTTCTGTCTC
AGCGGGCAGTGCCAGAGCCACACCCCCCAAGGCCCTCGATGGACAGCCTCACTACCCACCTGG
GCCAGCCAGGAGCCCGCTGGCCATCAGTATTTATTGCCTCCGTCCGTGCCGTCCCTGGGCCACTGG
CCTGGCGCTGTCCCCAGGCTCTCAGTGCCACCACCCCGGACGGCCTTCCCTGACCCAGCCAGGAA
CAAACAAGGGACCAAGTGACACATTGTGAGAGCCGTCTCCTGTGCCTCCCCGCCCATCCCCGGTC
TTCGTGTTGTCTGCCAGGCTCAGGCAGAGGCGCCTGTCCCTGCTTCTTTCTGACCCGGAAATAAAT
GCCCTGAAGGA
ACGCGTAAGCGGCGCGCATCTAGATTGAAGAAAATGACCCAGCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_004309.6
Summary:	This gene encodes a protein that plays a key role in the regulation of signaling through Rho GTPases. The encoded protein inhibits the disassociation of Rho family members from GDP (guanine diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important in a variety of cellular processes, and expression of this gene may be altered in tumors. Mutations in this gene have been found in individuals with nephrotic syndrome, type 8. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Locus ID:	396
MW:	41