

## Product datasheet for **SC210154**

### GDI1 (NM\_001493) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                      |
| Product Name:             | GDI1 (NM_001493) Human 3' UTR Clone                                                                                                                                                                                                                |
| Symbol:                   | GDI1                                                                                                                                                                                                                                               |
| Synonyms:                 | 1A; GDIL; MRX41; MRX48; OPHN2; RABGD1A; RABGDIA; XAP-4                                                                                                                                                                                             |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                           |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                              |
| ACCN:                     | NM_001493                                                                                                                                                                                                                                          |
| Insert Size:              | 825 bp                                                                                                                                                                                                                                             |
| Insert Sequence:          | <p>&gt;SC210154 3'UTR clone of NM_001493</p> <p>The sequence shown below is from the reference sequence of NM_001493. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AACGACGTCTTTGGAGAAGCTGAGCAGTGATTGTGGCCGCCCCCAGCCCCTGCTGCCCCAGCCTGTGTC
TGTTCTCCTCGAGGGCTCCAGCATCCTCTGCTTCCCCACCACGTTCCCATCACCCACCTCATTGATCC
ACTGACCAAAATCCTTAACCTAGCGATGGCTTGGGAGATGGGGGTTGGATAGCATCCTCTTTCTTGGC
CCTTCCTTATCCTAGGAAAAGAGGGTTCCTCTCCTTGTGTGTCTCTTCCCCCACCCTAATTCTTC
TGCTCTGTTTGGGAAGACGTGGAGGAAAAGGTGACTTCTGCCCCACCGCTTTACCCCACTGTAGTG
GCCTTTGGAGATGCCCCACCTCCCCCCCACCAACTCTCGCGTGTGGAGAGAAGGGGCCCTCCCAGCA
CAAAGTTGCATTCTCCCCCTAATTTATTCTAATTTATTAACCTTGACCCACCCTTTCTGAGCCTGCA
GCCTTCCCGTGTGGCCTGAGGGCTGTCGAGTGAGCTGCCCCAGCCCCTCCCAGCCCTTGCCAGCCTGG
GGGAGTGGGAAGGCTTGGGCATGGCCCCGTGGAGGTTGATTGCTGTTTTGTTCTTGTCTTTGTGT
TCTGTGTTACTTGCTGAGAGAAAAGAAAAGTGAGCCAAGCAGAAGGAGGTGGGAAAACGGACCCAAACC
CCAGTGTGCCCTGCCCATGCCTTTCTTTAGTGGTGGGAAACCTTATCTTGCAAAGTGAATGTGTCC
CCTTCCCCACCCTCTAGTGTATTTACAGAAAACAAAACCTCCCAATAAAACGGTTGAAACCTGAA
ACGCGTAAGCGGCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | 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).                                                                                                                                                                                                                                                  |
| <b>Components:</b>     | 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.                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq:</b>         | <u><a href="#">NM_001493.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Summary:</b>        | GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific cognitive disability. [provided by RefSeq, Jul 2008] |
| <b>Locus ID:</b>       | 2664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>             | 29.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |