

## Product datasheet for **SC210058**

### **RBED1 (ELMOD3) (NM\_001135023) Human 3' UTR Clone**

#### Product data:

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| Product Type:      | 3' UTR Clones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Symbol:            | RBED1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Synonyms:          | DFNB88; LST3; RBED1; RBM29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mammalian Cell     | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Selection:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vector:            | pMirTarget (PSI00062)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ACCN:              | NM_001135023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Insert Size:       | 816 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Insert Sequence:   | <p>&gt;SC210058 3'UTR clone of NM_001135023</p> <p>The sequence shown below is from the reference sequence of NM_001135023. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CACTCATCCGAAGGCGTATGGCTGATCTGACCTCCGAGATGAATGGAGGCTTAAAGGCTGAGCTGCAGG GGCTTTCAGGGGGTCAGTGGAGCCATGTCAGGAGCCTGGCCAGGCCGACCCCTTGCTGTCTCAGCAGA TGGGATATAGGAAGCTCCTGGGCTTAGCTGTGGGAAGCCAAGTACCCTCACCAGCATGGGACATGAGGG GCAGCTAGACTTCACCCCTTCCCGCAGACCTGCCTCCAGAGCAAGGAGAATTCTGCCTTAATCTGTTG GGCTCCAGTCTCCGGTTGAATTCAGTGTATCCCACTGGGAGTGAATGGATCATGAGGTGGGATGGCC CCATCTGGATGTTCTGCAGATCCCCACATGGGAGGAGATCCCAAGTAGAGGCAGCCAGAATTCTGACT CCCTGGCAGCAGCAGGGCTTTCAGGCACCACTGTCTGTGTTGTTAGAACTCAGAGGAAGAGGCAGGGGC AGCAGCCGACAGGGGGCAGCATGACCCAAGCAAGGGGCTGAGGCCTCAGTGGGGTAGGGCAAGGAGG TACCTCACAGGTGGGTGTGAGGCCCTCTGGAGTTTCTGGCCATTCACTACCCACTCTCTCTCCCC CTGACCCCGCTCCATTGTTTATGATGGAAAAACGACATTTGGCTAGGTGTCTCTCAGGGCTGTCCA TCCTAGCCCCACAAGCTGGGGCTTCTCTGTAGATGCTGTGCATGCCCCATGATGAGTTTCTGGCCT AATTGAGGGAAGGAGGAAATTCATACCAGCAGTTTCAAATAAAGAATTGTTCTAA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| 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>Note:</b>           | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq:</b>         | <u><a href="#">NM_001135023.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Summary:</b>        | This gene encodes a member of the engulfment and cell motility family of GTPase-activating proteins that regulate Arf GTPase proteins. Members of this family are defined by a conserved engulfment and cell motility domain. In rat cochlea, the encoded protein is found in stereocilia, kinocilia and cuticular plate of developing hair cells suggesting a function for this protein in cochlear sensory cells. An allelic variant of this family has been associated with autosomal recessive nonsyndromic deafness-88 in humans. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016] |
| <b>Locus ID:</b>       | 84173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MW:</b>             | 28.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |