

Product datasheet for **SC204471**

BOLA1 (NM_016074) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BOLA1 (NM_016074) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BOLA1
Synonyms: CGI-143
ACCN: NM_016074
Insert Size: 352 bp
Insert Sequence: >SC204471 3'UTR clone of NM_016074

The sequence shown below is from the reference sequence of NM_016074. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGAACAAGAAAACCTAGGAACCCCTGACCCCAAGAGAGGGAGGACCAGGATCCGAATGGGCTGGG
TGAGCACGAATTACCGAGGCCTCCCTTTGATACAGTCCAGGATTGTAAGGGATGAAGACCCCTGGGC
CCATTCTGTTGGGTCCATACATACTCTCCGAAGATAGCAACTTGCTTCAGGTCAAAGTGAACCCGAG
AAAAGAGAAGAATCACTACTACTGCTCTTGCCCTGGAATTCAGGAAGGGCAGCCCGGATGTTCCAT
GTTAAATCGTGACAGAATTGCACCAGACCTGATGAGTTGGAAACAATCCTATACATTAAGAAATTAC
ACTATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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_016074.5](#)



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Summary: Acts as a mitochondrial iron-sulfur (Fe-S) cluster assembly factor that facilitates (Fe-S) cluster insertion into a subset of mitochondrial proteins (By similarity). Probably acts together with the monothiol glutaredoxin GLRX5 (PubMed:27532772). May protect cells against oxidative stress (PubMed:22746225).[UniProtKB/Swiss-Prot Function]

Locus ID: 51027

MW: 13