

Product datasheet for **MC201396**

Bola1 (NM_026975) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Bola1 (NM_026975) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Bola1 |
| Synonyms: | 1810037G04Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC027558 sequence for NM_026975 GGTGGTACAGCAGGCTGCGCAGCAAGTACAAAGCGAATGCTAAGTGCGCGATCGGCCAGTGCATGGTCT CCATGGCCACGCGCTCGTGTGTATCGCGGGCAGCGCGGATCTGCGGCTGCAGGACCAGTGAAGCCGC TATTCGCGCCAAATTGGAGCAAGCCCTGAGCCCCGAGGTAAGTGGAGCTGCGCAACGAGAGCGGTGGCCAC GCAGTCCCAGCAGGCAGGACGACGATTTTCGCGTGGCGGTGGTGGAGCTCTCGTTTCGAGGGGATGAGCC CCTTGCAACGGCACCGGTTGGTCCACGAGGCACTGTCGGAGGAGCTGGCTGGACCGGTACATGCCCTGGC CATCCAGGCGAAGACCCCGCCAGTGGAGAGAAAACCCACAGTTGGACATTAGTCCCCCTGCCTAGGT GGGAGCAAGAAAACCTCGAGGGACCTCTTAATAAATACCTGGATTGGGAGAACGATCCGAATGGGTCGACT GAGAATAAACTACTACATCACTACTACCTTAAAAAAAAAAAAAAAAAAAAAAAAA |
| Restriction Sites: | EcoRI-NotI |
| ACCN: | NM_026975 |
| Insert Size: | 414 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC027558](#), [AAH27558](#)

RefSeq Size: 542 bp

RefSeq ORF: 414 bp

Locus ID: 69168

UniProt ID: [Q9D8S9](#)

Cytogenetics: 3 F2.1

Gene 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. May protect cells against oxidative stress (By similarity). [UniProtKB/Swiss-Prot Function]