

Product datasheet for **MC210286**

Bola2 (NM_175103) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bola2 (NM_175103) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bola2
Synonyms: 1110025L05Rik; Bola-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210286 representing NM_175103
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACTCAGCGCCGATTACCTCCGCGAGAAGCTGCGGCAGGACCTGGAGGCAGAGCATGTGGAGGTGG
AGGACACGACTCTGAACCGTTGCGCGACCAGCTCCGAGTCTGGTGGTGTGGCTAAGTTTCGAGGGAAA
GCCACTGCTCCAGAGACCCGGCTGGTGAACGAGTGCTTAGCCGAAGAGCTCCCGCACATCCATGCCTTT
GAGCAGAAA**ACTCTGACCCAGAGCAGTGGACCCGACAGCGCGTGAATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175103
Insert Size: 261 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).



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: [NM_175103.3](#), [NP_780312.1](#)

RefSeq Size: 337 bp

RefSeq ORF: 261 bp

Locus ID: 66162

UniProt ID: [Q8BGS2](#)

Cytogenetics: 7 F3

Gene Summary: Acts as a cytosolic iron-sulfur (Fe-S) cluster assembly factor that facilitates [2Fe-2S] cluster insertion into a subset of cytosolic proteins. Acts together with the monothiol glutaredoxin GLRX3.[UniProtKB/Swiss-Prot Function]