

Product datasheet for **RG214386**

Fibrillin 2 (FBN2) (NM_001999) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Fibrillin 2 (FBN2) (NM_001999) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | FBN2 |
| Synonyms: | CCA; DA9; EOMD |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG214386 representing NM_001999 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGGAGAAGACGGAGGCTGTGTCTCCAGCTCTACTTCCTGTGGCTGGGCTGTGTGGTCTCTGGGCGC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG214386 representing NM_001999
 Red=Cloning site Green=Tags(s)

MGRRRRLCLQLYFLWLGCVVLAQGTAGQPQPPPKPPRPQPPQVRSATAGSEGGFLAPEYREEGAAV
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TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

| | |
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| 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: | <ol style="list-style-type: none">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: | <u>NM_001999.4</u> |
| RefSeq Size: | 10724 bp |
| RefSeq ORF: | 8739 bp |
| Locus ID: | 2201 |
| UniProt ID: | <u>P35556</u> |
| Cytogenetics: | 5q23.3 |
| Domains: | EGF_CA, TB, EGF, EGF |
| Protein Families: | Druggable Genome, Transmembrane |
| Gene Summary: | The protein encoded by this gene is a component of connective tissue microfibrils and may be involved in elastic fiber assembly. Mutations in this gene cause congenital contractural arachnodactyly. [provided by RefSeq, Jul 2008] |