

Product datasheet for **RG218469**

C14orf151 (INF2) (NM_032714) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C14orf151 (INF2) (NM_032714) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C14orf151
Synonyms: C14orf151; C14orf173; CMTDIE; FSGS5; pp9484
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG218469 representing NM_032714
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGTGAAGGAGGGCGCACAGCGCAAGTGGGCAGCGCTGAAGGAGAAGCTGGGGCCACAGGATTCGG
ACCCACGGAGGCCAACCTGGAGAGCGCGGACCCTGAGCTGTGCATCCGGCTGCTCCAGATGCCCTCTGT
GGTCAACTACTCCGGCTGCGCAAGCGCCTGGAGGGCAGCGACGGCGGCTGGATGGTGCAGTTCTGGAG
CAGAGCGGCTGGACCTGCTGCTGGAGGCGCTGGCGGGCTGTCGGGCCGCGCGTTGCACGTATCTCCG
ACGCCCTGCTGCAGCTCACCTGCGTCAGCTGCGTGCGCGGTCATGAACTCGCGCAGGGCATCGAGTA
CATCCTCAGCAACCAGGGCTACGTGCGCCAGCTCTCCAGGCCCTGGACACATCCAACGTGATGGTGAAG
AAGCAGGTGTTTGGACTACTGGCTGCCCTGTGCATCTACTCTCCGAGGGCCACGTGCTGACCCCTGGACG
CCCTGGACCACTACAAGACGGTGTGCAGCCAGCAGTACCGCTTCAGCATTGTCATGAACGAGCTCTCCGG
CAGCGACAACGTGCCCTACGTGGTACCCTGCTTAGCGTGATCAACGCCGTATCTTTGGGCCCGAGGAC
CTGCGCGCGCCACCCAGCTGCGGAACGAGTTTATCGGGTGCAGCTGCTGGACGCTCGGCTCGCTGCG
GG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [NM_032714.1](#), [NP_116103.1](#)

RefSeq Size: 1704 bp

RefSeq ORF: 705 bp

Locus ID: 64423

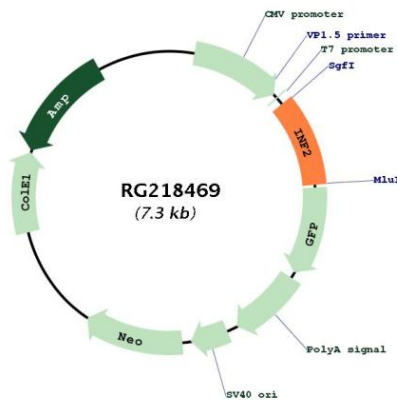
UniProt ID: [Q27J81](#)

Cytogenetics: 14q32.33

Protein Families: Druggable Genome

Gene Summary: This gene represents a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5.[provided by RefSeq, Aug 2010]

Product images:



Circular map for RG218469