

Product datasheet for **RG202964**

RTBDN (NM_031429) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RTBDN (NM_031429) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RTBDN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202964 representing NM_031429 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGAAGCCCTAGAAACGCAGCTGAAGACGAGCAGAGGACGCTTCTCGGCTACAGAATCCCTCCCCA
CCTTGGAGCTCTTATCTCAGGTGGACATGGACTGCAGGGTCCACATGCGACCCATCGGCCTGACGTGGGT
GCTGCAACTGACCTTGGCATGGATCCTGCTAGAAGCCTGTGGAGGGAGCCGCCACTCCAAGCCAGGTCC
CAGCAACACCATGGGCTGGCAGCTGATCTGGGCAAAGGCAAGCTGCACCTGGCAGGACCTTGTGTCCCT
CAGAGATGGACACAACAGAGACATCGGGCCCTGGAAACCATCCAGAACGCTGTGGAGTGCCGAGCCCTGA
ATGCGAATCCTTCTGGAACACCTCCAACGTGCCCTTCGCAAGTCCGCTTCCGCTGCGGCTATTGGGGGTA
CGCCAGGCACAGCCGCTCTGCGAGGAGCTTGCCAGGCCTGGTTCGCAACTGCGAAGATGATATCACCT
GCGGCCCGACTTGGCTCCCACTCTCAGAAAAAGGGGCTGTGAGCCAGCTGCCTTACCTATGGACAGAC
CTTCGACAGCGGGACGGACCTTTGTGCTCGGCTCTGGGCCACGCCCTACCGGTGGCTGCTCCTGGAGCC
CGTCACTGCTTCAACATCTCCATCTCCGCGGTACCTCGTCCCAGACCAGGACGACGGGGCCGGGAAGCTC
CCTCCCGCGTCCCGCAGCCCTCGCACCTCCATCCTGGACGCTGCGGGCAGCGGAGTGGCAGTGAAG
CGGCAGCGGCC

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_031429.2](#)

RefSeq Size: 1355 bp

RefSeq ORF: 786 bp

Locus ID: 83546

UniProt ID: [Q9BSG5](#)

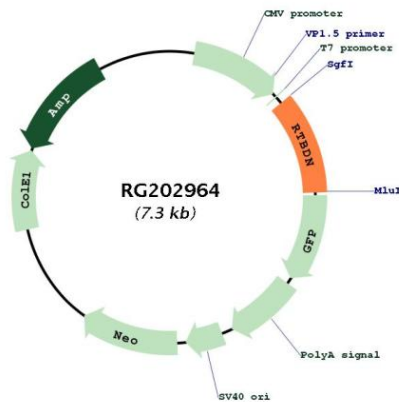
Cytogenetics: 19p13.13

Domains: Folate_rec

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: This gene was first identified in a study of human eye tissues. The protein encoded by this gene is preferentially expressed in the retina and may play a role in binding retinoids and other carotenoids as it shares homology with riboflavin binding proteins. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]

Product images:



Circular map for RG202964