

Product datasheet for **RG202528**

REXO4 (NM_020385) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	REXO4
Synonyms:	REX4; XPMC2; XPMC2H
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202528 representing NM_020385
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGGAAGGCGAAGGTCCCCGCTCCAAGCGCGCCCCGAGCAGCCCCGTGGCTAAGCCGGGTCTGTCA
AGACGCTCACTCGGAAGAAAAACAAGAAGAAAAAGGTTTGGAAAAGCAAGGCGCGGGAAGTAAGCAA
GAAGCCAGCAAGCGGCCCGGTGCTGTGGTGCGACCTCCAAGGCACCAGAAGACTTTTCTCAAACTGG
AAGCGCTGCAAGAGTGGCTGCTGAAACAAAAATCTCAGGCCCGAGAAAAGCCTCTTGTCTCTCAGA
TGGGTTCCAAAAAGAGCCCAAAATTATCCAGCAAAACAAAAAGAGACCTCGCCTCAAGTGAAGGGAGA
GGAGATGCCGCGCAGGAAAAGACCAGGAGGCCAGCAGGGGCTCTGTTCTTCAGGTTCCAAGATGGACAGG
AGGGCGCCAGTACCTCGACCAAGGCCAGTGGAACAGAGCACAATAAGAAAGGAACCAAGGAAAGGACAA
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CCCACCCACCGAGGAAGACATCTGGTTTGACGACGTGGACCCAGCGGATATCGAAGCTGCCATAGGTCCA
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GAGAAGAGCTTGAAGTTGTTCAAGGAAGTGGCAGAGATGCTGAAGGGCAGAATTCTAGTGGGGCACGC
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AAACCTTTCAAGAGTCAAGTAAAGAGTGAAGGCCGTCTCTGAGACTACTTTCAGAGAAGATCCTTGGGC
TCCAGGTCCAGCAGGCGGAGCACTGTTCAATTCAGGATGCCAGGCAGCAATGAGGCTGTACGTCATGGT
GAAGAAGGAGTGGGAGAGCATGGCCCGAGACAGCGCCCCCTGCTGACTGCTCCAGACCACTGCAGTGAC
GACGCC

AGCGGACCGACGCTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



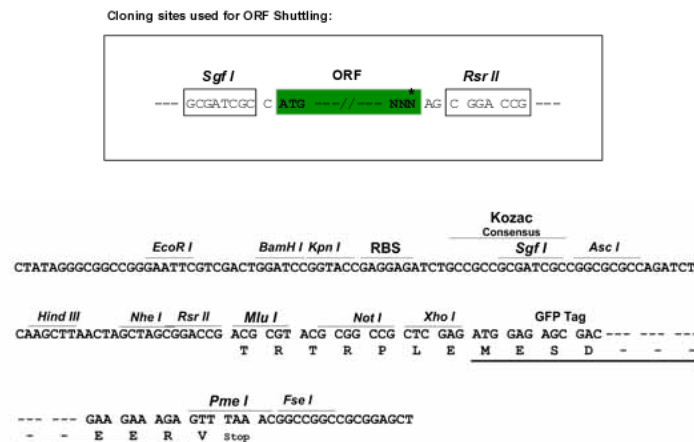
Protein Sequence: >RG202528 representing NM_020385
Red=Cloning site Green=Tags(s)

MGKAKVPASKRAPSSPVAKPGPVKTLTRKKNKKKKRFWKSAREVSKKPASGPGAVVRPPKAPEDFSQNW
KALQEWLLKQKSQAPEKPLVISQMGSKKKPKIIQQNKETSPQVKGEEMPAGKDQEASRGSVPSGSKMDR
RAPVPRTKASGTEHNKGTERTNGDIVPERGDIHKKRKAKEAAPAPTEEDIWFDDVDPADIEAAIGP
EAAKIARKQLGQSEGSVSLSLVKEQAFGGLTRALALDCEMVGVPKGEESMAARVSIYNQYKCVYDKYV
KPTEPVTDYRTAVSGIRPENLKQGEELVVQKEVAEMLKGRILVGHALHNDLKVLFIDHPKKKIRDYQKY
KPFKSQVKSGRPSLRLLSEKILGLQVQQAHECSIQDAQAAMRLYVMVKEWESMARDRRPLLTAPDHCD
DA

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_020385

ORF Size: 1266 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020385.4](#)

RefSeq Size: 2397 bp

RefSeq ORF: 1269 bp

Locus ID: 57109

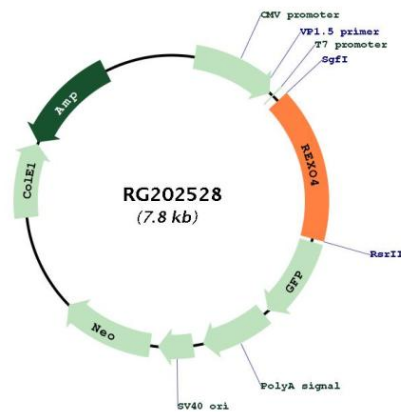
UniProt ID: [Q9GZR2](#)

Cytogenetics: 9q34.2

Domains: EXOIII

Protein Families: Transcription Factors

Product images:



Circular map for RG202528