

Product datasheet for **RG209624**

FBXL22 (NM_203373) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FBXL22
Synonyms:	Fbl22
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG209624 representing NM_203373
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCACATAACCCAGCTCAACCGGGAGTGCCTGCTGCACCTTTCTCCTTCCTAGACAAGGACAGCAGGA
AGAGCCTTGCCAGGACCTGCTCCAGCTCCACGACGTGTTGAGGACCCCGCACTCTGGTCCTGCTGCA
CTTCGGTTCCTCACTGAATCCAGAAGGACAATTCTCCTGGGCCCGCACTCCGCAGCCTCTCCATC
TGCTGGCACTCCAGCCGCGTGCAGGTGTCAGCATTGAGGACTGGCTCAAGAGTGCTTCCAGAGAAGCA
TCTGCAGCCGGCACGAGAGCCTGGTCAATGATTTCTCCTCCGGGTGTGCGACAGGCTTTCTGCTGTGCG
CTCCCCACGGAGGCGGGAGGCGCTGCACCGTCTCGGGGACTCCGATCGCCGTTGGACCGAAATCACCT
CGGTGGGGAGGACCTGACCACTCGGAGTTCGCCGACTTGCCTCGGGGTGACGGGGCCAGGGCTGCCG
CGCGCAGGGGTCTGGGAGCCTCCGGCGGAGCGACCCAGCAGACCCCGCGGCTCCCGGAGTGTCTG
GGGACCGCCACCTCCAGGAGCCCCGGTGGTGATCTCGGTGAAGCAGGAGGAGGGAAGCAGGGGCGCACG
GGCAGAAGGAGCCACCGAGCCGCTCCTTGCAGTTTGGCCGACGCGCGTCTGCCGCCACCTTTT
CTGGGGCGGATGCGTTCGCCGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



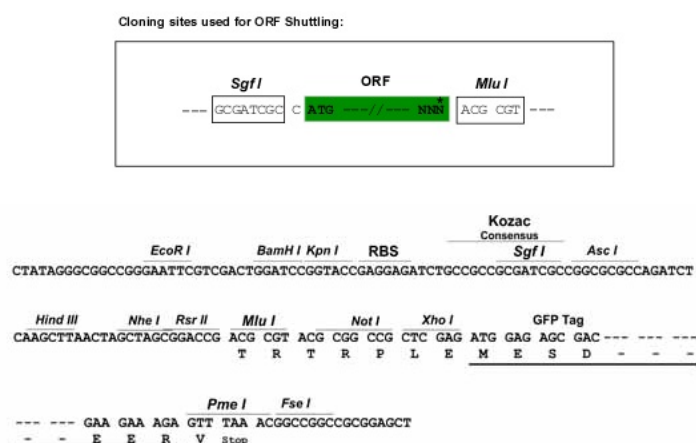
Protein Sequence: >RG209624 representing NM_203373
Red=Cloning site Green=Tags(s)

MHITQLNRECLLHLFSFLDKDSRSLARTCSQLHVDVFEDPALWSLLHFRSLTELQKDNFLLGPALRSLSI
 CWHSSRVQVCSIEDWLKSAFQRSICSRHESLVNDFLLRVCDRLSAVRSRRREAPAPSSGTPIAVGPKSP
 RWGGPDHSEFADLRSGVTGAAAAARRGLGSLRAERPSETPPAPGVSWGPPPPGAPVVISVKQEEGKQGR
 GRRSHRAAPPCCGEARTRVCPPTFPGADAFPO

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_203373

ORF Size: 723 bp

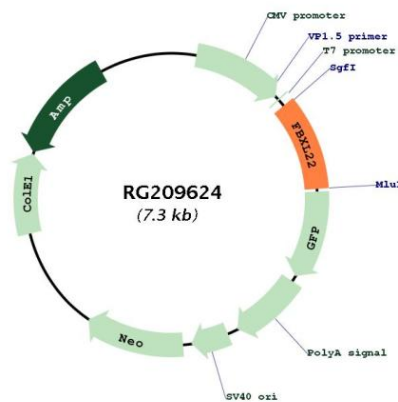
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>NM_203373.1, NP_976307.1</u>
RefSeq Size:	1526 bp
RefSeq ORF:	744 bp
Locus ID:	283807
UniProt ID:	<u>Q6P050</u>
Cytogenetics:	15q22.31
Gene Summary:	This gene encodes a member of the F-box protein family. This F-box protein interacts with S-phase kinase-associated protein 1A and cullin in order to form SCF complexes which function as ubiquitin ligases.[provided by RefSeq, Sep 2010]

Product images:



Circular map for RG209624