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Product datasheet for RC224439

F box protein 38 (FBXO38) (NM_205836) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F box protein 38 (FBXO38) (NM_205836) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	F box protein 38
Synonyms:	Fbx38; HMN2D; MOKA; SP329
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC224439 representing NM_205836
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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AACCAGAACTCCAACAATGACGATAATAATGCCCAGAATAACAATGCCAACATCCACGACAACAATCACC
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Protein Sequence:

>RC224439 representing NM_205836
Red=Cloning site Green=Tags(s)

MGPRKKSVKTCIMNNEIPEEMTADETKDYMNQLSHEVLCHIFRYLPLQDIMCMECLSRKLKEAVTLYLRV
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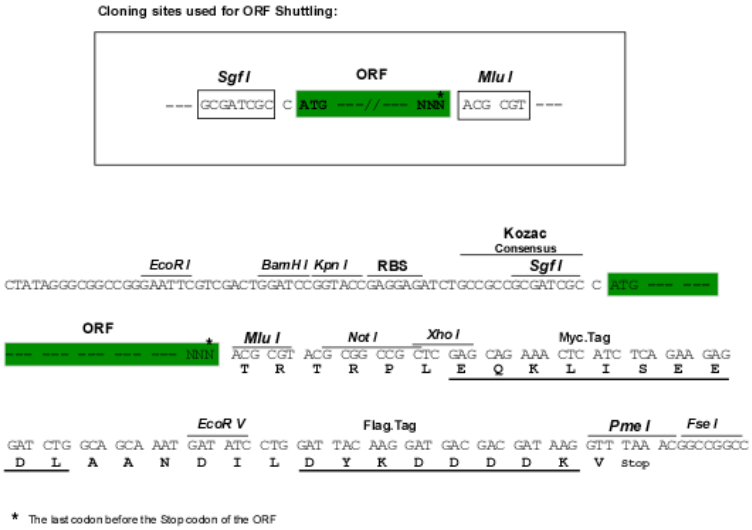
Chromatograms: https://cdn.origene.com/chromatograms/mk8043_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

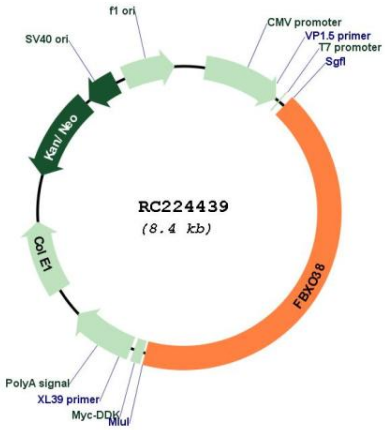


ACCN: NM_205836

ORF Size: 3564 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.
RefSeq:	NM_205836.3
RefSeq Size:	4413 bp
RefSeq ORF:	3567 bp
Locus ID:	81545
Cytogenetics:	5q32
Protein Families:	Druggable Genome
MW:	133.8 kDa
Gene Summary:	This gene encodes a large protein that contains an F-box domain and may participate in protein ubiquitination. The encoded protein is a transcriptional co-activator of Krueppel-like factor 7 (Klf7). A heterozygous mutation in this gene was found in individuals with autosomal dominant distal hereditary motor neuronopathy type IID. There is a pseudogene for this gene on chromosome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

Product images:



Circular map for RC224439