

Product datasheet for **SC308226**

F box protein 38 (FBXO38) (NM_205836) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F box protein 38 (FBXO38) (NM_205836) Human Untagged Clone
Tag:	Tag Free
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)
Fully Sequenced ORF:	>SC308226 representing NM_205836. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCTGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGGCCACGAAAGAAAAGTGTGAAAACATGTATCATGAATAATGAAATTCAGAAGAAATGACAGCA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_205836
Insert Size:	3567 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_205836.1](#)

RefSeq Size: 4413 bp

RefSeq ORF: 3567 bp

Locus ID: 81545

Cytogenetics: 5q32

Protein Families: Druggable Genome

MW: 133.9 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]