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Product datasheet for SC333096

F box protein 38 (FBXO38) (NM_001271723) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F box protein 38 (FBXO38) (NM_001271723) Human Untagged Clone
Tag:	Tag Free
Symbol:	F box protein 38
Synonyms:	Fbx38; HMN2D; MOKA; SP329
Vector:	pCMV6-Entry (PS100001)

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Fully Sequenced ORF:

>SC333096 representing NM_001271723.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGGGCCACGAAAGAAAAGTGTGAAAACATGTATCATGAATAATGAAATTCCAGAAGAAATGACAGCA
GATGAAACAAAGGACTATATGAATCAACTTTCACATGAAGTACTTTGCCATATTTTTAGGTACCTCCCT
CTGCAGGATATCATGTGTATGGAATGTCTTTCCCGGAAGCTAAAGGAAGCAGTGACCCTATATCTGCGA
GTTGTGAGAGTTGTAGATCTCTGTGCAGGGCGGTGGTGGGAATACATGCCAAGTGGCTTTACAGATGCC
AGTTTTCTAACACTATTAAAGAAGATGCCAGATGTTGAACAGCTATATGGCCTTCACCCTCGATACCTT
GAGAGGCGAAGAGTAAGGGGCCATGAGGCTTTTAGCATTCCAGGAGTCCTAGAAGCTTTGCAGGCATGC
CCAAACTTAGTGGGTGTGGAAACTTCTCATTTGGAGTTGGTAGAATCCATTTGGACATATATGCCCCAT
GTTCATATTTTGGGGAAATTTCGTAATCGTAATGGAGCTTTTCCAATTCCTCCTGAAAATAAACTGAAA
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CCAATGCTAAGGCACCTTTATATGAAGTGGGTAAGACTCACTAAACCACAGCCATTTAAAGACTTCCTT
TGTATCAGCTTAAGAACTTTCGTCATGAGGAACTGTGCAGGACCCACAAATTCCTTGAAATATGTCCCT
TTAGTAACAGGCTTAGCCTCTGCCCGAAACTTGGAACACTTAGAAATGGTTCGAGTTCCTTTCCTTGGA
GGTCTTATCCAACATGTTGTTGAAGACAGTTGGAGATCAGGTGGTTTTAGAAATTTGCACACTATTGTT
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TACTCTGAACGTGAAGAAAAAACTGGAGAGTCAGTGCAGTCCAGAGAATTGTCAGAAGTAGCCAAAACA
AAGCCACGTCACGCCATGAAACGGAAGCGGACAGCAGATAAATCCACTAGTACAAGTGATCCTGTGATC
GAGGATGACCATGTGCAGGTTCTTGTATTAAAATCCAAGAATCTTGTTGGAGTCACTATGACCAATTGT
GGAATCACAGATCTAGTGCTAAAAGACTGTCCAAAGATGATGTTCATCCATGCTACCAGGTGCAGGGTA
CTAAAACATTTAAAGGTAGAAAATGCACCAATTGTAAACCGATTTGACTATGCACAGTGCAAGAAACTG
AACATGGATCAGGTACTAGACCAGATACTAAGAATGCCACCCGAGAGAAACCGCATCATATACCTACGC
CCAATGCAGCAGGTGGACACTCTAACTTTGGAGCAGAAGCTATTTAGTGGTCCCTACCCCTATCACATC
TGTATTATCCATGAATTCAGTAACCCTCCCAATGTCCGGAATAAGGTGCGCATTCGCAGCTGGATGGAC
ACTATAGCAAACATCAATCAAGAGCTCATTAAATATGAATTCTTCCCTGAAGCCACTCGAAGTGAAGAA
GACTTAAAGAAATACCCCAAGTACCCCTGGGGGAGAGAAATCTATACTTTAGAAGGTGTTGTGGATGGA
GCTCCATATTCCATGATTTCTGACTTCCCTTGGCTGAGGTCATTACGAGCTGCAGAGCCCAACAGCTTC
GCTCGATACGACTTTGAAGACGATGAAGAAAGCACTATCTATGCTCCTAGAAGGAAAGGACAGCTGTCT
GCAGACATCTGTATGGAAACAATAGGAGAGGAAATTTCAGAGATGCGTCAGATGAAGAAGGGTGTATTT
CAGCGAGTAGTGGCAATTTTTATCCACTATTGTGATGTCAATGGAGAGCCAGTTGAAGATGACTACATT
TAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271723

Insert Size: 2832 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).
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_001271723.1
RefSeq Size:	3712 bp
RefSeq ORF:	2832 bp
Locus ID:	81545
UniProt ID:	Q6PIJ6
Cytogenetics:	5q32
Protein Families:	Druggable Genome
MW:	107.7 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] Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1. This results in a shorter protein (isoform c), compared to isoform a.