

Product datasheet for SC116121

MAB21L2 (NM_006439) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAB21L2 (NM_006439) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAB21L2
Synonyms:	MCOPS14; MCSKS14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116121 sequence for NM_006439 edited (data generated by NextGen Sequencing)

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ATGATCGCCGCTCAGGCCAAGCTGGTTACCAGCTCAATAAGTACTACACTGAGCGCTGT
CAGGCGCGCAAGGCGGCCATCGCCAAAACCATCCGAGAGGTCTGTAAGGTGGTCTCGGAC
GTGCTCAAGGAAGTGAGGTGCAGGAGCCTCGCTTCATCAGCTCCTTGAGCGAGATCGAT
GCCCGCTACGAGGGGCTCGAGGTCATTTGCGCCACCGAATTTGAGGTGGTGTCTACCTA
AACCCAGATGGGCGTCTTCAACTTCGTGGACGACGGCTCGCTGCCCGGCTGCGCAGTGCTC
AAACTGAGCGATGGGCGGAAGCGGAGCATGTCTCTCTGGGTGAGTTCATCACGGCGTGC
GGCTATCTCTCAGCGCGTAAGATCCGCTCGCGTTCCAGACGCTGGTGGCCAGGCGGTG
GACAAGTGCAGCTATCGGGATGTGGTCAAGATGATCGCGGACACCAGCGAGGTCAAGTTG
CGCATCAGGGAGCGCTATGTGGTGCAAATCACTCCGGCGTTCAAGTGCACCGGGATCTGG
CCTCGCAGCGCGCACAGTGGCCTATGCCCCACATCCCTTGCCCCGGCCCAATCGGGTG
GCCGAGGTCAAGGCCGAAGGGTTCAACTTGCTCTCGAAGGAGTGCTACTCGCTGACCGGC
AAGCAGAGCTCGGCAGAGAGCGACGCCTGGGTGCTACAGTTCCGGGAGGCGGAGAACC GC
CTGCTGATGGGCGGCTGCCGAAACAAGTGCCTCTCAGTGTGAAGACTCTGCGGGACCGC
CACCTGGAGTACCCGGCCAGCCGCTCAACAACACCACATGAAGACGCTGCTGTGTAC
GAGTGCAGAAACACCCACGAGAAACGGACTGGGACGAGTCGTGCCTGGGCGACCGGCTC
AACGGCATCCTGCTGCAGCTCATCTCCTGCCTGCAGTCCCGCCGCTGCCCTCACTACTTT
CTGCCAACCTCGACCTTTTCAGGGCAAGCCCCATTCGGCCCTGGAGAGCGCTGCCAAG
CAGACCTGGAGGTTGGCCAGGAAATTCACCAATCCCAAAGCCTGGACAACTATAG

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Clone variation with respect to NM_006439.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006439 unedited CCGATTTTGTGAGGGCCAAAAGTATAAATTACGAAGCAGAAATGATTATCAAACAACTTC CAGCGGTTTGACCTAAAGAAACACAAGGAGAACCCTACTACAAACAAACAAACCCAGTCC AAACAACGCCTCCAGTAGGAAAAGAGGAAAAGTGCATAACACGACCCCGGAGAAGAGA CGAGACCAACACGCTGAGACTGTGGGCGTCAGCAAACCTCCAAGTGCACGGCGGACTGA GTTGTACTTCGCAGCTCTCTGGACATTAATTACCTCCTGCACCTCCATTTGGGGGAGGG TGAGGAAGAAGGCACTCACCTACACTGAGCGAAGAAGTCTATCAGCGTGAAGAGAAGT TTAAGAATGAACCACTGAATGTTTCGCTTTTATTTTAAATTTACTTTGGCACTTAAAAA CCTCATTTCCAGATTTCTGGACAATCTCGGCTGCAGACATCTAAGCCTACCTTTTGGTAT CCTGAGTTTTTCCCTCNTCTTCTCCTTCTCACGCCACCCCGTTTCTCTCGCACACGGT CATCTTTACATATCAAGAGAAAGCAAAAAGTTCCAAGAGGACTTTTCTTTAAAAAACAC CTTTTCTCCCTAATTCTCTGCAAAGAAAAGAGTTTCGAAGAGGGAAAGGAAAAACAA GCCGGTTCGGTATCANCCGGTCAGCCAGGTGAAACCAGAGATGAAGTAGGGCTTAACG GGGAGCCCCCGTCTTTTAGAGGCCGCTGGGCCCCCCAGGGGGGGAGCCTTGATCCCT CACGATTGGCAAACCCCGGTGTATCCCGGGN
Restriction Sites:	NotI-NotI
ACCN:	NM_006439
Insert Size:	3000 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:	<ol style="list-style-type: none"> 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_006439.3 , NP_006430.1
RefSeq Size:	2618 bp
RefSeq ORF:	1080 bp
Locus ID:	10586
UniProt ID:	Q9Y586
Cytogenetics:	4q31.3
Domains:	Mab-21

Gene Summary:

This gene is similar to the *C. elegans* MAB-21 cell fate-determining gene, a downstream target of transforming growth factor-beta signaling. It is thought that this gene may be involved in neural development. The protein encoded by this gene is primarily nuclear, although some cytoplasmic localization has been observed. [provided by RefSeq, Jul 2008]