

Product datasheet for SC100350

MIPOL 1 (MIPOL1) (NM_138731) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIPOL 1 (MIPOL1) (NM_138731) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIPOL 1
Synonyms:	CCDC193
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100350 sequence for NM_138731 edited (data generated by NextGen Sequencing)

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ATGGAGAACTGGTCAAAAGACATAACCCACAGTTATCTTGAACAAGAACTACGGGGATA
AATAAAAGTACGCAGCCAGATGAGCAACTGACTATGAATTCTGAGAAAAGTATGCATCGG
AAATCCACTGAATTAGTTAATGAAATAACATGTGAGAACACAGAATGGCCAGGGCAGAGA
TCAACGAATTTTCAGATCATCAGTTCTTATCCAGATGATGAGTCTGTTTACTGCACTACT
GAAAAATACAACGTTATGGAACATAGACATAATGATATGCATTATGAATGTATGACTCCT
TGTCAGTTACTTCAGACTCAGATAAAGAGAAGACAATAGCATTCTTCTAAAAGAATTG
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CAGAGAAAAGTAAAGTTAAGCTGGAAGTCCAAGAGAAAGAAACAGAAGCTAAAATTGCT
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CATATGGAAATGTCTCTAAAAGTCTAGAAAATATTAACCTGAAGAAAATGACATGACA
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CAACAACAAAATGAGGAAGTGGCTACTCAACTGCAACAAGCTCTGACAGAGCGAGCAAT
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AAGTTGGAAGGCTGGTGGATGTACTGAGGAAGAAGGTTGGAACCGGGACCATGAGGACA
GTGATCTGA
  
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Clone variation with respect to NM_138731.6



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138731 unedited
 ACTCCCCGGTCTATGCCAGGCGCATCTCAGAGTTTGGCTTAGAGATTAAGCTCCTTCTA
 TCTTGTGATGCCACCATCGCAAGGTTCTCAAGTTGTTGTGGGAGAAGAGAAGGCTAAAG
 GAGCTCATAGAATGCCTTTAATGCTAATCCAAAAGTAAATGAGAACTTAGAAAAAGATT
 GCCAATTCAAATCAACATATTTAGAGAAAATTGGAAAAGGAGAAGCTTACTACAGCTTT
 ATTTGAGGACTTTTTAAAGAACGCTGGGTTCTATCTGTGAGCTGCAAATCTTGGAGCAAA
 AACCAGAGACATTGCCAGAGCAAACAAGAACAGAAATACAAATGGAGAACTGGTCAAAAG
 ACATAACCCACAGTTATCTTGAACAAGAACTACGGGGATAAATAAAAGTACGCAGCCAG
 ATGAGCAACTGACTATGAATTCTGAGAAAAGTATGCATCGGAAATCCACTGAATTAGTTA
 ATGAAATAACATGTGAGAACACAGAATGGCCAGGGCAGAGATCAACGAATTTTCAGATCA
 TCAGTTCTTATCCAGATGATGAGTCTGTTTACTGCACTACTGAAAAATACAACGTTATGG
 AACATAGACATAATGATATGCATTATGAATGTATGACTCCTTGCAAGTTACTTCAGACT
 CAGATAAAGAGAAGACAATAGCATTCTTCTAAAAGAATGGGATATTCTCAGAACAAAG
 CATAAAAAGCTTCAGCAGAAAATTGGCTTAAGAAGATAAAGAACAGGAGAAACCTAGGTN
 TAAGCTGGAACCTCCAGAGAAAGAACAGAACT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_138731 unedited
 GGTACAGCTATGNNACCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTATA
 AGTACACATTAACAGTCTCCTCTTTTTATTGAAAACAGTTTGCATTATTTGTAGTGAAAC
 AAAAATCATGCCTTGATGAATGAATTTTAATATATCCATCTCTTATTAACAAATTATA
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 GATTTTATCTCAGCTTGGAAATGTGGTTGGAGTGTCCCACTTCTAACAACTGTTTGCTAAG
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 TTCCCCAGACTGTCGTTTTTTTTCAATCAGATCACTGTCTCATGGTCCCGGTTCCAACC
 TTCTTCTCATACATCCACCAGCCTTTCCAACCTTTGAACTTTTTCATTGGCCACTTGGG
 AGGCCTCTCTGGCTGTTGGAGTTGTATTCCATATTTGCTCGCTCTGTGAGAGCTTGGTGC
 AGTTGAGTAACAGTCTCTATTTTGTGG

Restriction Sites:

NotI-NotI

ACCN:

NM_138731

Insert Size:

2500 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_138731.2](#), [NP_620059.1](#)

RefSeq Size: 6103 bp

RefSeq ORF: 1329 bp

Locus ID: 145282

UniProt ID: [Q8TD10](#)

Cytogenetics: 14q13.3-q21.1

Gene Summary: This gene encodes a coiled-coil domain-containing protein. The encoded protein may function as a tumor suppressor. A translocation that results in truncation of the protein encoded by this locus has been associated with mirror-image polydactyly, also known as Laurin-Sandrow Syndrome. Alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2010]

Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.