

Product datasheet for **SC331183**

MIPOL 1 (MIPOL1) (NM_001195297) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIPOL 1 (MIPOL1) (NM_001195297) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIPOL 1
Synonyms:	CCDC193
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331183 representing NM_001195297. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGAAGCTGGTCAAAAGACATAACCCACAGTTATCTTGAACAAGAACTACGGGGATAAATAAAAGT
ACGCAGCCAGATGAGCAACTGACTATGAATTCTGAGAAAAGTATGCATCGGAAATCCACTGAATTAGTT
AATGAAATAACATGTGAGAACACAGAATGGCCAGGGCAGAGATCAACGAATTTTCAGATCATCAGTTCT
TATCCAGATGATGAGTCTGTTTACTGCACTACTGAAAAATACAACGTTATGGAACATAGACATAATGAT
ATGCATTATGAATGTATGACTCCTTGTCAAGTTACTTCAGACTCAGATAAAGAGAAGACAATAGCATTT
CTTCTAAAAGAATTGGATATTCTCAGAACAAGCAATAAAAAGCTTCAGCAGAAATTGGCTAAAGAAGAT
AAAGAACAGAGAAAAGTAAAGTTTAAAGCTGGAAGTCCAAGAGAAAAGAAACAGAAGCTAAATTTGCTGAA
AAGACAGCAGCTCTGGTTGAAGAAGTGTATTTGCGCAGAAGGAACGTGATGAAGCTGTTATGTCTAGA
CTGCAATTAGCCATTGAGGAGAGAGATGAAGCAATTGCACGAGCCAAGCATATGGAATGTCTCTAAAA
GTGCTAGAAAAATATTAACCCCTGAAGAAAATGACATGACATTACAGGAATTACTGAACAGAATAAACAAT
GCAGACACAGGGATAGCTATTGAGAAGAAATGGAGCTATAATTGTGGATAGAATCTACAAGACCAAGGAA
TGTAAGATGAGAATAACTGCAGAAGAAATGAGTGCCTAATAGAAGAACGGGATGCTGCCTTGTCTAAG
TGCAACCGTTAGAGCAGGAGCTTCATCATGTGAAAGAGCAGAACCAAGCTTCAGCAACAACATGAGA
CATCTGACTGCTGAAAAACAATCAAGAAGCTGCTCTGAAGGCAAAGTTGTTATCTATGCAACAAGCCAGA
GAAAGTGCAGTTCAACAGTACAAAAAACTGGAAGAGGAAATCCAGACCCCTTCGAGTTTACTACAGTTTA
CACAAATCTTTATCTCAAGAAGAAAATCTGAAGGATCAGTTTAACTATACCCCTTAGTACATATGAAGAA
GCTTTAAAAAACAGAGAGAACATTGTTTCCATCACTCAACAACAAAATGAGGAACTGGCTACTCAACTG
CAACAAGCTCTGACAGAGCGAGCAAAATATGGAATTACAACCTCAACATGCCAGAGAGGCCTCCCAAGTG
GCCAATGAAAAGTTCAAAAGTTGGAAGGCTGGTGGATGTACTGAGGAAGAAGTTGGAACCGGGACC
ATGAGGACAGTGATCTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001195297
Insert Size:	1329 bp



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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:	<u>NM_001195297.1</u>
RefSeq Size:	6269 bp
RefSeq ORF:	1329 bp
Locus ID:	145282
UniProt ID:	<u>Q8TD10</u>
Cytogenetics:	14q13.3-q21.1
MW:	51.5 kDa
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 (2) 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.