

Product datasheet for **SC212130**

Mucolipin 3 (MCOLN3) (NM_018298) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Mucolipin 3 (MCOLN3) (NM_018298) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MCOLN3
Synonyms: TRP-ML3; TRPML3
ACCN: NM_018298
Insert Size: 1071 bp
Insert Sequence: >SC212130 3'UTR clone of NM_018298
The sequence shown below is from the reference sequence of NM_018298. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTATCTTTATTCTGCTGTTGTAAGAAAGTAGCTATCAGGTTTATCTGTACTTTAGAGGAAAATATAATGT
GTAGCTGAGTTGGAACACTGTGGATATTCTGAGATCAGATGTAGTATGTTTGAAGACTGTTATTTGAG
CTAATTGAGACCTATAATTCACCAATAACTGTTTATATTTTTTAAAGCAATATTTAATGTCTTTGCAAC
TTTATGCTGGGATTGTTTTTAAAAAACTTTAATGAGGAAAGCTATTGGATTATTATTCTTGTGTTT
ATTTTGCCATGGCTTTAGAATGTATTCTGTATGCCTCTCTTTTGTCTGATACTGTTGCTCCTGCTATT
CTGATTGTGCAGACTGTGTAATTAGTGGAAAACAATCCTTGGTCTGACTGTGACTTTGGACAACCTCAGT
AACCTGGCTTGGACCACTCTCAGGAGTCCATCCTTGAGAGAGTGGGTGTAGTTATCATTATACAGTA
ATCATTGCATTTTAAAACTTCTCTTGAAGGAAGAATAAGAGTGCACCAGAATAAGAGCGCACCAGAA
TAAGAGCGCACCAGCTAACAATGTGATACGGCCATATGCACTTAAGGATGGAGATATGTTCTGAGAAA
TGTGTCATTAGGCGATTTTGTCAATTAACATCATAGCATGTAATCCACAACCTAGATGGTATAGCCT
ACTACACACCTAGGCTATTTGGTATAGCCTGTTGGTCTGGGGTACAAATCTGTACAACATGTTACTGT
ATTGAATACAGTAGGCAATTGTAACACAATGGTAAATATCAACATAGAAAAGGACAGTAAAAATAT
GGTTTTATAATCTTCTGGGACCACCATTGTATATGCGGTACATCATTGACCAAAACATCGTTATCCAGC
ATATGACTGTATTTGGTTATGAAAGCCAACCTGTTACTTGAATCTGCTTTTAGTTCTTAAGAGGATCAGG
CTTTTAAATACTCATTTACAAGTTTTCTATCCTCCTTCAGTGTTAAAGTAGAAAGTAAAAAGAGTATCT
TATACATGCATGAAATTAAGCATATACCAATGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_018298.11</u>
Summary:	This gene encodes one of members of the mucolipin cation channel proteins. Mutation studies of the highly similar protein in mice have shown that the protein is found in cochlea hair cells, and mutant mice show early-onset hearing loss and balance problems. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Locus ID:	55283
MW:	41