

Product datasheet for **SC212162**

Matrin 3 (MATR3) (NM_018834) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Matrin 3 (MATR3) (NM_018834) Human 3' UTR Clone
Symbol:	Matrin 3
Synonyms:	ALS21; MPD2; VCPDM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018834
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC212162 3'UTR clone of NM_018834
The sequence shown below is from the reference sequence of NM_018834. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGAACGCAGACAGAAGAAGGAACTAAGATGTGCAAGGAGATTTAATGATTTCAAAGAAAAATAATG
GTTCTTTGTTTTAATGTAACTTTTTTAAATACAATACTGATAGTTAGAAGAAAACTATTGTACTCT
TTTGTTTAGTGGAGAAATAATAGATGTCTGTTTATGTTAAGTGTATAGCAAAAAATACACATA
TGGTTAAGTTAATGAATAGTTTTGTTTTATCAGAATGGCAACAGACAGAAGTACTTTGTAGAGATTGA
CTTCCTAAGCTACTTAAGACAATTGCACCACTAAGAAAAAATGTAGAACCATTGGAAAAATGAAAT
TTAGTAGTTCCAAGTTTCAAAGAAATGTCAACATTTTATCCATTCAATAAAGAACAAAACCAATAGTG
TTTTTATTACTTTTATCTGAAACATTCCATGTTTTAATCTGAGCCTTGACAGCTTTCATTTGGAGTTTG
AACCCGTTTTGGTTGCATTTTCTTTTGGAGAAGTTAATTAACGTGAGATTGGCAATTGAAATGCAGGT
GCAGTTTTCTGTTAATGTCATGCTGTTTGTAGTAATAAGAAATATTAAGTAATTGGCTTTAGATTTT
GTAATTTTTTCCCTGAGTTCCTGCTAGATTTCTGATTCTAGTAGTCAATGTATTTTCAGTGAAATGCA
AAAATATTTCCCGTTATCTTTGACCAGTATTAATTTTGTAGATCTTACTGCTTGTCACTTGAATCCCGTG
ATTGTCATACATCTCTGGTATAAGCAACATTTGATTTTTGAAGTGTGTAGACCATCTCTTCATATTTTC
AAGATGTAATTTTACATTTCTGCATTTTTAAAACAGTTTGGCCATAATCCTAGATGCACGCTTCTAATT
CATGTACCTGCACATGTGACCTTTGTGAACAGAAATTTGCATGTATAATTTGTGTTTACTTGTAACTTT
CTGGTTATATACTGCTTATATCTGTGGATTCAAGTTACTGAAGTGAATACCAATAAAAAGAAAACCTA
GGCCATGTTAATTGGTTATACATGTTTGAATGTTAACCACGATTTTGTCAAGTTGTGGTTTTTATTTCG
CTCTTAACTTTTGTGCATGCTTTTAACAATTTTATTACTTTTAAATCTAGAGTGAATTTCTAAAGACTGCCG
CTAAAGATCTGAGTTTTTAAATGTTGTTGCTGGTGGATTTCTTGTTCCTGTTACATAACTAAAAGTGA
GGCCATTTGTGGTTTTTAAACCTTATGAATTAATAATGCTACAGGTGAACAAACAGAAGCTTATGTT
TAGAGATATTGATGACTTAACAGTACAATTGGAAGTAATACGGATGAGCAAGAATTAGTTCTGCAGCTT
TTCAAAATAATTACGTAGAGACTCTTGGTATATTGGATTATCTGTTGTAACAATTTTTTTTCTTCCC
TGACACAGGTCTCACTCTGTCAACCCAGACTGGAGTGCAGTGGCACAGTTCTCTGCAACCTCAGCCTTT
GGGCTCAAATGACCTCCTACCTCAGTCTCCTGAGTAGCTGGGACTACAGGCTCATGCCACTATACCTG
GCTAGTTTTTGGTTTTTTGTATAGATGGGGCTTGGCATGTTGCCAGGTTGATCTTGAATTCCTGGG
CCCAAGTGATCTGCTCGCTTCAGCCTCCCAAAGTCTGGGACTGTAGGCATGAGCCACCATCCCTGGCC
AAGAAACAAAGTTTTAATTTCAAAAAAATCTACAAAAACAGGATAGGCATTGTCTTTCAAATGTTTACA
CCCCAGTTTATTAAGGATACTTCAAATAGTTGGCTAAATTTTATGATCTCTCCCGTTGAAAAGTAGGT
GATGATTTTAAATGTGACATGCACAAAAAATCCTTGCCAGTTTACTTCTGCAATTTAATTTTAGCCTTTA
CTAATTACCCACTTCTGTTTAAATCCAATTTTAAACAGCAGGTACATAAAGCATTATGTGCACAATGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: Sgfl-MluI

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: [NM_018834.6](#)

Summary:	This gene encodes a nuclear matrix protein, which is proposed to stabilize certain messenger RNA species. Mutations of this gene are associated with distal myopathy 2, which often includes vocal cord and pharyngeal weakness. Alternatively spliced transcript variants, including read-through transcripts composed of the upstream small nucleolar RNA host gene 4 (non-protein coding) and matrin 3 gene sequence, have been identified. Pseudogenes of this gene are located on chromosomes 1 and X. [provided by RefSeq, Aug 2013]
Locus ID:	9782
MW:	78.2