

Product datasheet for **MC205409**

Matr3 (NM_010771) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Matr3 (NM_010771) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Matr3
Synonyms:	1110061A14Rik; 2810017I02Rik; AI841759; AW555618; D030046F20Rik; mKIAA0723
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC029070
 GCTCGTGAGAGAGGTATCTCTCCTTTCCCTCTCCCTCCCCTCAGAGTTGTCTGCTGGTTCTCAGCTT
 GAAGAAGATTCTACAGTCCTTATTGATCCTTTTTCTTGGCGTTACCATTTTTGAAGCAAAGTTAACCTAG
 CTTTCTAGCTTGAGCTTTCTTTTTGGCCATCTTTAAAACCTTTTTTTTTTTTTTTGATCTATAAAATAGA
 CAAGAGATAGTTCTACAATGTCCAAGTCATTCCAGCAGTCATCTCTCGGTAGGGATTACAGGGTCATGG
 GCGTGACTGTCTGCAGCAGGAATAGGCCTTCTGTCTGCTACCCAGTCTTTAAGTATGCCAGCATCT
 CTTGGAAGGATGAACCAGGGTACTGCACGCCTTGCTAGTTAATGAATCTTGAATGAGTCTTCCATTGA
 ATCAACAAGGAGCTCATAGTGCAGTGTCTTCTGCTAGTACTTCTCCCATAAATTTGCAGTCTATATTTAA
 CATTGGAAGTAGAGGTCCACTCCCTTTGTCTTCTCAACACCGTGGAGATACAGACCAGGCCAGTAATATT
 TTGGCCAGCTTTGGTCTGTCTGTAGAGACTTAGATGAACTGAGTCGCTATCCAGAGGACAAGATTACTC
 CTGAGAACTTGCCCAAATTTCTTCTACAGCTTAAAAGGAGGAGAAGTGAAGAAGGCCCTACATTGAGTTA
 TGGTAGAGATGGCAGATCTGCTACACGGGAGCCACCATACAGAGTACCTAGGGATGATTGGGAAGAAAA
 AGGCACCTTAGAAGAGATAGTTTTGATGATCGTGGTCTAGTCTCAACCCAGTGTGATTATGACCATG
 GAAGTCGTTCTCAAGAATCTGGTTATTATGACAGAATGGATTATGAAGATGACAGATTAAGAGATGGAGA
 AAGGTGTAGGGATGATTCTTTTTTGGTGAGACCTCGCATAACTATCAAAATTTGACAGTGTGATGAG
 AGAATGGGACGTGGTCTGGCCCTTACAAGAGAGATCTCTTTGAGAAAAAGAGGGGCCCTCCTCCAA
 GTAGCAATATTGAAGACTTCCATGGACTTACCGAAGGGTTATCCCATCTGTGCTCTATATGTGATTT
 GCCAGTTCATTCTAATAAGGAGTGGAGTCAACATATCAATGGAGCAAGTCACAGTCGTGATGCCAGCTT
 CTTCTTGAATCTACCCAGAATGGAATCCTGACATGATACTGGACACACAATGGGTGATCCATTATGC
 TGCAGCAGTCTACAAACCAGCACCAGGGATTCTGGGACCGCCCTCCTTCAATTCATCTTGGAGGACC
 AGCAGTTGGACCAAGAGGAAATCTGGGTGCTGGTAAATGGAACCTACAGGGACCAAGACATGCAAAAA
 GGCAGAGTGGAAACCAGCCGAGTTGTTACATTATGGATTTTACGCGAGGAAAAAACTTGAGATACCAGC
 GTTACAACCTGGTAGAACCTTTGGAGTCATTTCAAATCATGTATTTAAATAAAATTAATGAGGCATT
 TATTGAAATGGCCACCACAGAAGATGCTCAGGCTGTGGATTATTAACAACACACCAGCATTAGTG
 TTTGGCAAGCCAGTGAGAGTTCATTTATCCAGAGTATAAGAGAATAAAAGAAACCTGAAGGAAAACAG
 ATCAGAAGTTTGATCAAAAGCAAGAAGTGGTCTGTGATACATCTCAGCAATTTACCTATTCTGGCTA
 TTCTGACAGTGCCGTCCTCAAGCTTGTGAGCCTTATGGGAAAAATAAGAATTATATCTTAAATGAGGATG
 AAAAGTCAGGCTTTTATTGAGATGGAAACCAGAGAAGTGAATGGCAATGGTTGACCACTGTTAAAGA
 AGGCACCTTGGTTTCAGGGGAGATGTGTTAAAGTTGATCTGTCTGAGAAATACAAAAAAGTGTGCTGCG
 GATTCCTAACAGAGGCATTGACTTACTGAAAAAGATAAATCCCGAAAAAGATCCTATTCTCCAGATGGA
 AAAGAATCTCAAGTGATAAGAAGTCCAAAAGTGTGCTCAGAAGACTGAGAGTCCAGCTGAGGGTAAAG
 AACAAAGAGAGAAGTCGGGTGAGGATGGTGAGAAGGACACCAAGGATGACCAGACAGAACAGGAGCCAG
 CATGCTTCTTGAATCTGAAGATGAACTGCTTGTGATGAGGAAGAAGCTGCAGCACTACTAGAAAGTGGT
 AGTTCAAGTGGGCGATGAGACCGATCTTGCTAATTTAGGGGATGTATCTTCTGATGGGAAAAAAGAGCCTT
 CAGATAAAGCTGTGAAAAAGATCCAAGTGTTCAGCAACATCCAAGAAAAAAGTAAAAAGTGGACAA
 GATTGAGGAACCTGATCAAGAAAATGAAGCTGCATTGGAAAAATGGGATTAATAATGAGGAAAAACAGAA
 CCGGGTGCCGAATCTGCTGAGAAATGCTGATGATCCAAACAAAGACACAAGTGAATAATGCAGATGGCCAA
 ATGATGAGAATAAGGAGGATTATACAATCCCGATGAGTATAGAATCGGACCATATCAGCCTAATGTTCC
 TGTTGGTATAGACTATGTGATACCTAAAACAGGGTTTTACTGTAAGCTGTGTTCACTCTTTTATACAAAT
 GAAGAAGTTGCAAGAATACTCATTGCAGCAGCCTTCTCATTATCAGAAATTAAGAAATTTCTGAATA
 AATTGGCAGAAGAACGGAGGCAGAGAAGGAAACTTAAGATGTACAAGAAGCTTAATTCAAGAAAAACGA
 TGGTCTTTGATTTAATGTTAACCTTTTTTAAAAACAATACTGATAGTTAGAAAACTACTGTACACTT
 TTGTTTTAGTGGAAAAATAAGATGTCTGTTGTGTTAAGTGTTATAGCAAAAAAGTACACATACGGTTAA
 GTTAATGAAAAATTTTTGTTTCATCCGAGTGACAACAGACAAAAGTACTTCTAAAGATTGACTGTTGT
 AAGCTATGGAAAACAACTGCACCATAAGAGAAAAGATAACATAGAACCATTGAGAAAAATGAACTTAG
 TAGTTGAGGCTTCAAAGAAATGTCAACTTCTGATTCCATTCAATAAAGAACAAAACCAATTGTAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010771
Insert Size: 2541 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:	BC029070 , AAH29070
RefSeq Size:	3169 bp
RefSeq ORF:	2541 bp
Locus ID:	17184
UniProt ID:	Q8K310
Cytogenetics:	18 19.14 cM
Gene Summary:	May play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. In association with the SFPQ-NONO heteromer may play a role in nuclear retention of defective RNAs (By similarity).[UniProtKB/Swiss-Prot Function]