

Product datasheet for **RN208649**

Masp1 (NM_022257) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Masp1 (NM_022257) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Masp1
Synonyms:	Masp1/3; Masp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208649 representing NM_022257
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTTCTGTCTTTAGACGGCTCCTCTACCATGTTCTGTGCCTCACCTGACGGAGTTTCAG
 CCCATACCGTGGAGCTAAATGAAATGTTGGCCAGATCCAGTCCCCTGGCTATCCGGATTCTATCCGAG
 TGA

TGACTCGGAGGTGACCTGGAATATTACTGTCCCGAGTTCGGGTCCAGCTTTACTTCATGCACTTCAAC
 TTGGAATCCTCTACCTTTGTGAATATGACTATGTGAAGGTAGAAACCGAAGACCAGGTGCTGGCAACCT
 TCTGTGGCAGGGAGACCACCGATACCGAGCAGACCCCGGCCAGGAAGTGGTTCTTTGCGCTGGTTCCTT
 TATGTCTGTCACTTTCCGGTCA

GATTTCTCCAATGAGGAACGATTCACAGTTTTGACGCCCACTACATG
 GCTGTAGATGTGGATGAGTGAAGGAAAGGAAGATGAGGAGCTGCTGTGACCACTACTGCCACAAC
 ACATCGGCGGCTACTACTGCTCCTGTGCTTTGGCTACATCCTCCACACAGACAACAGGACCTGCCGAGT
 GGATGCAGTGGCAATCTTTTACCCAGAGGACAGGCACAATCACCAGCCCGATTACCCCAACCCCTTAC
 CCCAAGAGCTCTGAATGTTCTATACCATTGACCTGGAGGAGGGCTTCATGGTTACCCTGCACTTTGAGG
 ACATTTTTGACATTGAAGACCATCCCGAGGTGCCCTGTCCCTATGACTACATTAAGATTAAGCTGGTTC
 AAAAGTATGGGGACCTTCTGTGGAGAGAAATCCCAGAACCAATCAGCACCCAGAGTCATAGCATCCAG
 ATCCTATTTTCGCAGCGACAATTCAGGAGAGAACCAGGCTGGAGGCTCTCCTACAGGGCTGCAGGAAATG
 AGTGCCCAAAGCTACAACCCCGTGTATGGGAAAATTGAACCTCGCAAGCCGTGACTCCTTCAAAGA
 CCAAGTGTCTCAGCTGTGACACGGGCTACAAAGTGTAAAGGATAACGAGGTGATGGACACATTCCAA
 ATTGAGTGTCTGAAGGATGGTGCATGGAGTAACAAGATTCCCACCTGTAAAATTTAGACTGTGGAGTTC
 CAGCAGTGTGAAACATGGGCTAGTAACCTTCTCCACAAGAAACAACCTCACCACGTACAATCTGAGAT
 AAGGTACTCCTGCCAGCAACCTATTACAAGATGCTTCAACAATACCACAGGTGTATATACATGTTCTGCT
 CATGGGACCTGGACAAATGAAGTGTCAAGAGAAGCCTGCCACCTGCCTTCCAGTGTGTGGTCTCCCCA
 AGTTCTCCCGGAAGCACATCTCCAGGATCTTCAATGGACGCCAGCCAGCCAGAAGGGTACCCTCCATGGAT
 TGCCATGTCTCACAACCTGAATGGGCAACCCCTTCTGTGGGGTAGCCTTTTAGGTTCCAACCTGGGTTTTG
 ACGGCTGCTCACTGTCTCCACCATCCACTTGATCCAGAAGAGCCAATTTACACAACCTCACATTTGCTCA
 GCCCTTCTGACTTCAAAATTATCATGGGAAAGCACTGGAGACGCCGCTCAGATGAAGACGAACAGCATCT
 GCATGTAAGCACATCATGCTCCACCCGCTGTACAACCCAGCACATTTGAGAACGACTTGGTCTGGTG
 GAACTGTCAGAGAGTCCAAGGCTGAACGACTTTGTGATGCCTGTCTGTCTGCCTGAGCACCTTCCACTG
 AAGGAACCATGGTCATCGTCAGCGGCTGGGGGAAGCAGTTCCTACAGAGGCTTCCAGAGAACCTGATGGA
 GATTGAAATCCCAATTGTAACCTACCATACCTGCCAAGAGGCCTACACCCATTGGGGAAGAAAGTGACC
 CAGGACATGATCTGTGCTGGAGAAAAGGAAGGGGAAAAGACGCCTGTGCTGGCGACTCTGGAGGCCCA
 TGGTGACCAAAGATGCAGAGAGAGACCAATGGTACCTGGTGGGCGTGGTGTCTGGGGTGAAGATTGCGG
 GAAGAAAGATCGCTATGGAGTTTATTCTTATATCTATCCCAACAAGGATTGGATCCAGAGGGTCACTGGG
 GTGAGGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1649_a11.zip

Restriction Sites: SgfI-MluI

ACCN: NM_022257

Insert Size: 2112 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:	<u>NM_022257.1</u> , <u>NP_071593.1</u>
RefSeq Size:	5112 bp
RefSeq ORF:	2112 bp
Locus ID:	64023
UniProt ID:	<u>Q8CHN8</u>
Cytogenetics:	11q23
Gene Summary:	serine protease that plays a role in the mannan-binding lectin complement pathway [RGD, Feb 2006]