

Product datasheet for RN213709

Pask (NM_001009362) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pask (NM_001009362) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pask
Synonyms:	MGC93882
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213709 representing NM_001009362 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACAGAGGTCCACCAGTCTTGCTGAGGACTGGAAGTCTGAGAGTCTTCTGCCAAGAGGGCC
CAGCTACCCAGGCTTTCTGTTGAGCCAGCAAGCCTCTCCATAGCCCATAGACACCTGAACAGGAAGAA
TGGGCTTTCTAGACTCTGCCAGAGCCGAATGGCACTCTCCGAGGATAGGTGGAGCTTTACTGTCTTTCA
TCATTGGCTGCCAAAACATCTGCACAAGCAAAGTGCCTGCGCTGCTACACCTGACTATGCTGACCCTA
TAGCTGGCCCACTGGGCAGTACATCGTGTGCTCCTTGCTACGTGGCCTAGCTTCAGGGTCTCTGGACC
TCTGCTCTCGACCCTGTGTGCAACCCTAAAGGCTGTCTTTACTGTGGATGCCAAGACCACAGAGATT
CTGGTTGCCAATGACAAAGCCTGCAGCCTCCTGGGGTATAGCAGTCATGACCTGATTGGCCAAAAGCTTA
CACAGTCTTCTCAAGTCTGATTCCGAGGTTGTGAAGCCCTCAGCGAGGAGCATGTGGAGGCTGATGG
CCACGCTGCAGTAGTGTTCGGCACGGTGGTGGACATTGTCAGCCGAAGTGGGAGAAGATTCCCCTCTCT
GTGTGGATAAAGAGGTTGCAACAAGATCGTGGCTTGCTGTGTAGTGGTTCTGGAGCCTGTGGAGAGGG
TCTCAGCCTGGGTCGCCCTCCAGAGTGATGGAAGTATCAGCTCATGCCAGCCTCTTTGCTCATCTTCA
TGGGTTACATCTCCAAAGGATGTGGTTGGGCAGTGTGTCATAGACTTGATTCCATCTATACAGCTCCCT
CCTCCTGGCCAACATGTCCAAAGAGTCTCAAGATTCAAAGGTCTGTTGGGAGAGCCAGAGACGGGACCA
CCTTCCCTCTCAGTCTGAAGTTGAAATCTAAGACCAGTGGAAAGGCTGTAGCTGAAAGTGAAGTGGCCTC
AGAACCAGGTTACCAGGCTTCTGTGTGGGTGTTCTGCACCATCAGTGGCCTCATCACTCTCCTGCCTGAT
GGCACAATTTATGGCATCAACCACAGCTTTGCACTAATGTTGTTGGTTATGGAAAAACAGAGCTCCTGG
GCAAGAACATCACTTGCCTGATTCTGGTTTCTACCACTGCATGGACCTGCATATGATAGTTCTGTCCA
GCTGCCAGATCTGGTCAACTGCCTGGACATTGGCAGCAAGAGTGGCCTGGGAGATGAGTTCTGATGCC
AAGCAGGACTGGGAGCTGGCCAGTGGGCCCCAAGATCCAAGAATTGATGTGTTGACACGGGGCCACATGC
CATCACAAGATGAGACCCTGAAGCTGCGGGGAGGACAAGTCTCGCTAGGACTCAGACTCAGCTGGAAC
TGGACGCCACATACTTCTTCTGTGCATCTCAGCCCTCCTGGGGTAGACAGCAGCCAGTGGACGGT
GAGCGGTCATTACCCACAGACCAGCGGAACGTTCCAAAGAGAAACCTGCTAGCCCATGCTGAACAGTTAC



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TATCTCAGACCCAACCAGACACCCTGGAAATATCCCCACCAGTCCTTAAAGAACTGTCTGAAATTCAGAA
 AAATATCTCAGAAGAAAGCCCACTAACCCACAGGAAATGGTTATTGTCCAAGGCCAGAAAGACACCACA
 AAAGGAAGCCTGCCAATCCATGATGAGAAGTTACTGCTTGCAAGCCAGCATATCCATGTCTTGGGAAAGG
 AAAATCCTTCAGCAGCAGAGAGCTACAGGGAGGGTCTTTTAGCAGAAAGCAGGTCCAAACCAGTGGATGC
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 ATGAGTAGTCTGCAACAGGAAGCTCAATTGGAGCTGATGGGTATCAGTAGTCCCGGTAGTCTAACCCCT
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 ACAGCATAGAAGCGAGTGGATCTTACAACAGCGAGGCCAGGACTCGGCTCCAGCCCTCTGCAATGGGG
 TGTGTCTTTGTTGGGACACCCACTCTGGATGAACCATGGCCAGGAGTGAGAAATGATCGAGAAGAGCTGC
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 ACTTGTCCAGCAGAACATCCTCCTTCACTGCCCCGTGTCTTCTGTGATTGGGGAGGCCGAGACCTA
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 CAGTGAAGCCCAGGAGGCTGATGTGAGTCTTATTCTGGAACCTCAGGGAGCTCTTCTCAATGACCG
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 TGGAGCAGAACTGTCTAACATTTCTTTGGTATCCTCTGAACACTATGAACTAGTGACATAGAAAGCCTA
 GTTTGTGACCCTCCCATACCAGATCCTGGTCTAACAATATGTGCCTATCAGCAGAGAAGCCTAGACTGA
 GTGCCAGATCACTTCCACTCCTGTGGCACCTGGGCCACCAGCCTGCAGCAGGAGATCCAGGAGGGCAT
 CTTCTCTGGAAGCTGCTACCACCAGATGGCTTACGACTGAGTGTACAGTTTGAAGTAAAGCGTGTGCAG
 CTCCAGGGCTCTGCAACCCTGTTCTGCTGCTGGCTGGTGAAGGACTTCTTACACAGTCACCGGGACTCAG
 CCACCCGAACCCGCTGTTCTTGCACGCTGCCAAGCTTACCCACTCCATGCCTGACCTCTCTGGATC
 CAGCTTTGGAGAGATGCTCAGAGCCAAGCCTTGGTTTGGAGAGTCCCAACACCCGAGAGCTGGAGGGG
 CTGGCAGCCTGTGAGGGCGAGTACTCCATAAGTACAACACCCTGCGCCCACTCGGCAGTGGCGCCTTTG
 GCTTTGTGTGGACTGCAGTGGAGAAGGAAGGCAACAAGAGGTGGTGGTGAAGTTTATTAAGAAGGAGAA
 GTTTTAGAGGATTGTTGGGTTGAAGATCCCAAACCTTGAAGAGTTTCTTTAGAGATTTCAATTCTGTCC
 AAGGTGGAACATGCCAACATAATCAAGATTGTGGATGATTGAAAACCAAGGGTTCTTTAGCTAGTGA
 TGGAAAAGCATGGCTCTGGCTTGGACCTTTTGTCTTTCATTGACCGTCATCCCTGCTTGGATGAGCCCT
 GCGGAGTTACATCTTCCGACAACCTGGTGTCTGCTGTAAGATACTGCGTTCCTCAAGGCATCATCCATAGA
 GACATCAAGGATGAGAACATTGTGATTGCTGAGGACTTACAATTAAGCTGATAGATTTTGGCTCAGCTG
 CCTACTTAGAGAAGGGCAAACCTATTTTACCTTTTGTGGAACAATTGAATACTGTGCACCTGAAGTTCT
 CATTGAAATCCCTACAGAGGGCCAGAGCTGGAGATGTGGTCTCTCGGGGTACGCTGTACACGCTCATC
 TTCGAGGAGAATCCCTTCTGTGAGGTGGAGGAGACCATGGAGGCAGTTATTCATCCCCCTTCTGGTTT
 CCCAAGAACTTATGAGTCTTCTGTCTGGGCTGCTGCAGCCTTGCCTGAGCAGCGGACCCTTTGGAGAA
 GCTGATTGTGGACCCCTGGGTGACACAGCCTGTGAACCTTGATAACTACACCTGGGAAGAGGTGTGTCGG
 ACCAGCCAGCCAGAAAGTGGCCTGATGTGAGCTGCAAGTCTGGAGCTTGGAGTAGGAGTCCAAGTGAAG
 TGGCTCAGACAGAGGGTCTTTGTAGACCTCCTGCTCCAAGGAGGCTCCTGGTAACCACTGCTTGCATCT
 TGAGGATCCCTCGTCACCAGTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009362
Insert Size: 4158 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_001009362.1</u> , <u>NP_001009362.1</u>
RefSeq Size:	4562 bp
RefSeq ORF:	4158 bp
Locus ID:	301617
Cytogenetics:	9q36