

Product datasheet for **RN203070**

Ano7 (NM_001004071) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ano7 (NM_001004071) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ano7
Synonyms:	Ngep; Tmem16g
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203070 representing NM_001004071
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGGAAGCAAGCTGGAGAAGAAGACAGCGTGGTGTGATCGACATGACCTCCCCTGAAGCAGGGA
 ATGGGTGCTCCTATGGGAGCACAGCCCAAGCCTCAGAGGCAGGTAACAGCAGGTGGCCCCAGCAGAGT
 TGGGAGCTCTGCCAACCCCAATTGATTTTGTCTTGTGGGAAGAAGACCTGAGGAGCCGAGAGAAC
 CCCACTCAGGACAAGACAGACACACATGAAATCTGGCGGAGACCTTTCTGAAAATCTCCGTGTGGCTG
 GCCTGAAAATAGATCAGCGCGATGTCCAGGACGAGGCCGCTGCAGTACATTACATCCTCCTCAGTGCACC
 CTGGGCTGTACTCTGCTACTACGAGAAGACCTGCGCCTGAAGCTGCCTCTGCAGGAGTTACCAACCAA
 GCTTCCAAGTGGTCGGCCACCCTTCTGGAGTGGCTGGGCATCCCCAATATTCTGTGGAGAATGTGCCTG
 ACACGCCCTGAGTATTACTCCTGCCAGTTCAAAGCGAGCAAGCTGCAATGGTTCCTTGGGAGTGACAA
 CCAGGACACCTTCTTACCAGCACCAAGAGGCACCAGATTCTATTTGAGATCCTGGCCAAGACTCCATAT
 GGCACACAGAAGAAAGGCTTGTGGGATTGATCAGCTGCTGGCAGAAGGTGATTACAGTGCAGCCTTCC
 CTCTGCATGATGGCCCGTCTCTGTAGTCCCAGAGAGTTCACAGGTCTGGGTCTCACCCAGCGCCAAGT
 CCTATTCAAGCACTGGGCTCGCTGGGGCAAGTGGAGGAAGTACCAGCCACTGGACCATGTGCGAAGGTAC
 TTCGGGGAGAAGGTGGCTCTCTACTTGGCTGGCTTGGGTCTACACTGGTTGGCTCCTGCCCGCGGCAG
 TCGTGGGCACAGTGGTCTTCTGGCGGGCTGTTTCTGGTGTCTCAGATGTACCAACGCAGGAGCTGTG
 CCACAGCTCGGACACCTTCGACATGTGCCACTGTGCTCCGACTGCTCCTTTGGCTGCTCTCAGTGCC
 TGCACCTGGCCAGGCTGGCGGGCTCTCGACCAGGTGGCACTGTCTTCTTCAAGTTGTTTTCATGGCAC
 TGTGGCCGGTGTCTTCTGGAGTACTGGAAGCGGAAAAACGCCACGTTGGCTACCGCTGGGAGTGTCT
 TGACTACGAGGACATTGAGGAGAGGCCTCGGCCCAAGTTCGCTGCAACAGCACCCATGACAGCCCTGAAC
 CCCATCACGGGGGAAGATGAGCCTTACTTTCCCGAGAAGAATCGTGTACGCCGATGCTGGCCGGTCTG
 TGGTGTCTTGATGATGGTGGCTGTGGTGATTATGTGTCTTGATCTATCATCCTGTACCGGGCCGTGAT
 GGCTATCATCGTGTCCAAGTGAACAACGCCTTCTCTCGGCCTGGGCTTACGAATTGCCAGCCTCACA
 GGGTCCGTGGTGAACCTTGTCTTCTCATCCTCATCCTTCCAAGGTCTATGTGATCCTGGCCAGGTCTAA
 CAAGATGGGAGATGCACCGGACGCAGCCGCTTGGAGGCGCTTACCCTCAAGGTGTTTCTTCTTCA
 GTTTGTGAACCTTCTACGCTCGCTGTGTACATTGCCTTCTTCAAGGGCAGGTTTGTGGGATACCCAGGC
 AACTACCACACCTTGTGGAGTCCGAAATGAGGAGTGTCCAGCTGGAGGCTGCCTCAGTGCAGTGGCAC
 AGGAGCTCCTGGTTCATCATGGTTCGGCAAGCAGATCATCAATAACGTGCAGGAGGTTCTTGTCCAAAGCT
 GAAAGGCTGTGGCAGAAGTTGTCTCCCGGAGGAAGAAAGCTGGCATGGGGGCCAACCCAGCACCTTGG
 GAGGCTGACTATGAGTTGCTGCCTTGTGAGGGGCTATTTTCATGAATACCTTGAATGGTGTGAGTTTGG
 GGTTCGCTACTATCTTTGTGGCCGCTGCCCGCTGGCGCCGCTTTTGGCCTACTCAACAACCTGGGTGGA
 GATCCGCTGGATGCGCGCAAGTTTGTGTGCGAGTACCGGCGTCCCGTAGCGGAGCGCGCCAGGACATC
 GGCATCTGGTTCACATCCTAGCGGGCTCACCCATCTCGCGGTATCAGCAATGCTTCTACTGGCCT
 TTTCTCCGACTTCTTCCGCGTGTCTACTACAGCTGGACGCGGCCCTGACCTGCGTGGCTTCTCAA
 TTTACGCTGGCGGTGCGCCGCCACCTTACCTCGGCACACAACCGCACTTGGCGGTACCGGGCTTTTC
 CGGGATGATGACGAGACTATCCCAACTTACTGGACTCTCCTGGCCATCCGCTTGGCCTTTGTATCG
 TGTTTGTGATGTGGTGTCTTCTACTGGCCGTTTCTGGATCTTGGTTCTGACATCCAGAATCTGT
 GGAAATCAAGGTGAAGCGGGAATACTACTTGGCTAAACAGGCACTGGCTGATAATGAGGCTCTCCTTGA
 GCAACAGGAGTGAAGGTGAGCAGCCTCAAGCTCAGAGCCAGTCTGGGTCTTCCAGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001004071
Insert Size: 2583 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:	NM_001004071.1 , NP_001004071.1
RefSeq Size:	2742 bp
RefSeq ORF:	2583 bp
Locus ID:	367318
UniProt ID:	Q6IFT6
Cytogenetics:	9q36
Gene Summary:	human homolog is expressed only in normal prostate epithelial cells and prostate cancer [RGD, Feb 2006]