

Product datasheet for RN201123

Anxa7 (NM_130416) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa7 (NM_130416) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Anxa7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201123 representing NM_130416 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCATACCCAGGCTACCCCCGACAGGCTACCCACCTTCCCTGGATATCCTCCTGCAGGTCAGGAGT
CCTCTTCCCACTTCGGGTCAGTATCCGTACCCTAGTGGCTTCCACCAATGGGAGGAGGTGCTTACCC
ACCAGTCCAAGTGGTGGCTACCCAGGAGCTGGAGGCTACCCCTCACCTGGAGGTTATCCAGCCCTGGG
GGCTATCCTGGAACCCTAAATCCAGGGGCTCCTCCATCCTATCCTGGAGGTCAAGGCTTTGGGGCCCCAC
CTGGTGGGGCAGGCTTTTCTGGCTATCCACAGCCACCTGCACAGTCTTACGGCGGTGGACCAGCCAGGT
TCCAGTCCAGGTGGCTTCTGGAGGGCAGATGCCGTCTCAGTACCCCGGAGGACAGTCTCCCTACCCCT
GGCCAGCTGCTGCGATGACTCAGGGCACCCAAGGAACAATCCGCCAGCCTCCAACCTCGATGCTATGA
GAGATGCAGAGATTCTCCGCAAAGCAATGAAGGGGTTGGGACTGATGAGCAAGCGATTGTGGATGTCGT
GTCTAACCGTTCCAATGACCAGAGGCAACAAATTAAGCAGCTTTTAAGACCATGTATGGCAAGGATTTA
ATTAAGATCTCAAGTCAGAGTTGAGTGGAAACATGGAAGAATTAATCCTTGCCCTGTTTCATGCCTCCTA
CATACTATGATGCCTGGAGTTTGGGAAGGCGATACAGGGAGCAGGAACCAAGAGCGTGTGTTGATAGA
GATTTTGTGCACAAGAACAATCAAGAAATCCGAGACATTGTTAGATGCTATCAATTAGAATTTGGACGC
GAGCTCGAGAGGGACATTAGATCGGATACCTCAGGACATTTTGAACGGCTCCTCGTGTCCATGTGCCAGG
GAAACCGTGACGAGAGCCCAAGTATAAACCACCAGATGGCCAGGAAGATGCCAGCGCCTCTATCAGGC
TGGGGAGGGGAGGCTAGGGACAGACGAATCCTGTTTCAACATGATCCTCGCCACAAGGAGCTTCCCTCAG
CTGAGAGCCACCATGGAGGCTTATTCCAGGATGGCTAATCGAGATTTGCTAAGCAGTGTGAGCCGGGAAT
TTCCGGATACGTTGAAAGCGGTTTGAAGACCATATTGCAGTGCGCCCTCAACCGCCTGCCTTCTTCGC
CGAGCGACTCTACTATTCATGAAAGGCGCTGGAACAGATGACTCCACCTGGTCAGGATTGTGGTCACT
CGGAGTGAGATTGACCTCGTTCAGATAAAACAGATGTTCAACCAGATGTATCAGAAGACTCAAGCACGA
TGATTGCAAGTGACACCAGTGGAGATTACAGGAAGCTGCTCCTGGCCATCGTTGGCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_130416
Insert Size:	1392 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_130416.2</u> , <u>NP_569100.2</u>
RefSeq Size:	1885 bp
RefSeq ORF:	1392 bp
Locus ID:	155423
Cytogenetics:	15p16
Gene Summary:	may play a role in membrane fusion and exocytosis of lung surfactant [RGD, Feb 2006]