

Product datasheet for **RN202974**

Fam129a (NM_022242) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam129a (NM_022242) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam129a
Synonyms:	Niban
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202974 representing NM_022242
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCGGCTCAGCCTCCAGCCAACTGGATGAGGGCAAGTGCGCCTATATCCGAGGGAAAAGTGGCTT
 CTATCAAAAACCTCAGTCCCTACTACAGCCGCAATATTCGTGGCTTTCTGCAACCATGTGCGCAGCGA
 GGTGGAACAGCAGAGAGATTTAACGTCACAGTTTCTGAAGACCAAGCCCCACTGGAACAGGAAGTGT
 TTGTATGAAGCTGAGCTCTCACAGTTTGTCTGAGGACATCAGGAAATGGAAGGACAGATACGTTGTGGTTA
 AAAACGATTTTGTGTGGAAAGCTATGAGAACAAGAGGCCTATCAGAGAGGAGCTGTTCTAAAAGCAG
 AATTCTTCCAGCTGGTGGCAAGGTGTTAACCTCAGAAGAGGAATATAGTCTTTATCTGATAAGCATTTC
 CCAGACCCCACTGCTTCCAGTGAGAAGAACTCTCAGCCCTTCTGGTCTACCCAAGGCATTCCAGTGT
 ACCTGTGGCAGCCTTACCTCAGGCACGGCTACTTCTGTTCCACGAGGCTGCCGAGCAGCAGAAGTTCAG
 CGCTCTTCTCAACGACTGCATCAGACACCTGAATCACGATTACATGAAGCAGACCACATTCGAAGCCAA
 GCCTTTTTGGAAGCTGTGCAATTCCTCCGCGAGGAGAAGGGTCACTACGGCGCCTGGGAAGTGATTACTG
 GAGATGAAGTCCAGATCCTGAGTAACTGGTGTGGAGGAGCTCCTGCCACCTCCAGACTGACCTGCT
 GCCTAACTGAAGGGGAAGAAGAATGACAGAAAGAGAGCCTGGTTGGACTCCTGGAGGAAGCCTACAAT
 CTGGTTCAGCACAAGTTTCAGAAGGATTAAGTGCCTTGAAGGAGGAGTGCAGAGCTTGACAAAAGGACC
 TGGAAAGGACCATCCGCTCAGACATGGATCAGATTGTGAAGTCAAAGAAGTTTCTAACTGGGAAGATCAG
 AGCAATGGTGGCTCAGCCGGCCGAGAATCGCTGTGGGAAAGTGTGCAGCCCTTCTGGCATCCATTCTG
 GAGGAGCTAATGGGGCCGGTGAAGTCCGGTTTTCAGTGAAGTCCGTGCACCTTTTCAAAAAGAAGTAGATG
 AACTCAGTCAGAGCTTCCACACCAGGAGCGTCCAGCTGAAGGAGTGTCTAGACCAGCTAATGAA
 GCTTCTCTGGATTCTGTGAAGATGGAGCCTTGTACACTAAAGTCAACCTGCTTCCAGAGCGCCTGCTG
 GACCTCCAGAGTCGCTTCAAGTCCCTCACGTTGATCTGGTGGTCCAGAGGACTCAGAACTACATGCAGG
 AGCTCATGGAGAATGCTGTGTTACATTTGAGCAGTTGCTCTCCCATATCTTCAAGGAGAGGCTTCCAG
 AACAGCAGTGGCCATCGAGAAGGTTAAGTCCGTGTCTTAAAGCAATACGATTACGACAGCAGCACCATC
 CGCAAGAAGATCTTCCAGGAGGCATTGATTAGATCACACTACCCACTGTGCAGAAGGGCTGGCGTCCA
 CATGCAAACCAGAGCTTCAAAAATATGAGCAGTTCATCTTCGAGACCACCAATATGATCCATGTTGA
 GAACATCTATGAAGAGATTTTGTATCAGATCCTCCTCGATGAGACCCTGAAAGTGATAACGGAAGCAGCT
 ATCTTGAAGAAACACAACCTATTTGAAGACAACATGGCCTTACCCAGTGAAGTGTGTCCAGTCTGACAG
 ACCTCAAAACCTCCATGGGGTCAAACCAGGCCAGCCAGCCAGAGGAGCATCTGCCATTCTCCAGGAGC
 TCCAGGCGATGAGGCTCCAGGCAGCGAAGTGTCCAGGGGCTGAGGAAAAGCAGCAGCAGCCTGGGGTC
 CCTGGCTCGCTGGCCAGAGAAGAAAGTGTCCATCTCTGGGTCCAGCCCTCCTTCAAGTGGAGGATGGGC
 AGGTGTCTGTGTCGGTGTGGATAACTCTGCCGGGAACCTCTCAGTGCAGATAATTCAGCAGGACCTCT
 CAGCTCACACTTGTGAGAGGCAGAAGCTGGGGAGCCCCATAAGATGAGGAAACAGCCACAAAAGGCCA
 GAGTCTAGCGCCGTGCCAGGGTCTTGAAGGAACTGAAGGAGTTGTTGACTGTGACGGTGTTCGTCGAGT
 CTGCCCCAGAGATTGAAATGATACACTCAACGGGACACCTGTCCCCAAGAAGATAAAAAGAAGAAGA
 AGAGGAGGAGGAAGCAAGATCCACCCAGAAGCCAGCGGCCAGCTGCCATCCAGCAGGACAGCTGTGAA
 GAAAGTGAAGTCAGAGAGAGGGAGGCCATCCTATGCCTTTGGAAGCTGAGGCTCCTGGGGTGAACCTGG
 GGACACTGCCAGAGGGTGAAGGGCTACCTCTCAGTCTACCGGTGAGGGACTCACTGAGAACACCAGCTG
 TCTAGGCCCATAGAGGAGCCATCTGAGGCTCAAGGGCCCACTGAGGAGGTGCTCCTAGCCACAGTTTCC
 ACACAGGACAGCACCGAGGCAGGAGGTGAGGCTGTGATTCTGTGACAGTACACCTCAAGAAGATGCCA
 CGTTAAGTTCTAACCCATCTGTCCCGTGGAGAATAATGAGGGGCCCCAGGTTTCTGAGGATCAGGAAGT
 GCTGGGAGGGAATGATAGCCAGCCCTTGCTATGGATACAGAGCAAATCAACGATGCCCATGTGTATGAG
 TGCCACTGGGAGGTAGAAGATGCCCGAGCGCCGACATCTAGATGTTACAGATTGTGATGTGGGCTCC
 CAGGGGAGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_022242
Insert Size:	2814 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_022242.2 , NP_071578.2
RefSeq Size:	3634 bp
RefSeq ORF:	2814 bp
Locus ID:	63912
UniProt ID:	Q9ESN0
Cytogenetics:	13q21
Gene Summary:	expressed in renal carcinomas in Tsc2 gene mutant Eker rats but is not expressed in normal kidney; may be a marker for early stage renal carcinogenesis [RGD, Feb 2006]