

Product datasheet for **RN210413**

Folh1 (NM_057185) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Folh1 (NM_057185) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Folh1
Synonyms:	Naalad
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210413 representing NM_057185
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGAACGCTCAGCAGGACAGCGACTCCGCGGAGGCCCTGGGACGCCCAACGCTGGTTCTGTGCTG
 GAACACTGGTGTGGCTTTCACCTGGAACCTTCATCATTGGCTTCCTCTTTGGGTGGTTTATAAAACCTC
 CAATGATTCTACTAGCAGTGTTCCTATCCTGGCATGAAGAAGGCATTTTTGCAAGAATTGAAGGCTGAG
 AACATCAAAAAATTTTTATACAATTTACACCGACACCACATTTGGCAGGGACACAACAATTTTGTGAGC
 TTGCAAAGCAAATTCATGCCAGTGAAAGAATTTGGCCTGGATTTGGTTGAGTTATCTGATTATGATGT
 CCTGTTGTCTACCCAAATAAGACCCATCCCACTATATCTCAATAATTAATGAAGATGGAATGAGATT
 TTCAAACATCATTAGCTGAAGTGCACCCCGGGATATGAGAACATATCAGATGTAGTGCCACCATAACA
 GTGCCCTCTCCACAAGGGACACCAGAGGGGATCTAGTATATGTTAACTATGCACGAAGTGAAGACTT
 CTTTAAACTGGAACGGGTCAAGATCAATTGTTCTGGGAAGATTGTCATCGCCAGATATGGGCAAGTG
 TTCAGAGGAAATAAGGTTAAAAATGCTCAGCTGGCAGGTGCAAAAAGGAATCATTCTGACTCAGACCCTG
 CTGATTACTTTGTTCTGGGGTGAAGTCTATCCAGATGGTTGGAACCTCCCTGGAGGTGGTGTTCACGG
 TGGAAATGTCTTAAATCTTAATGGTGCAGGTGATCCCCTCACACCAGTTATCCAGCAAATGAATATGCC
 TACAGGCATGAATTCACAGAAGCTGTCGGTCTTCCAAGTATTCCTGTCCATCCAATTGGATATGATGATG
 CACAGAACTATTAGAACATATGGGTGGCTCCGCACCCCTGACAGCAGCTGGAAGGGAGGACTAAAAGT
 GCCTTACAACGTGGGACCTGGCTTTGCTGGAACTTTTCAAAACAAAAGGTCAAGCTGCATTTCACTCC
 TACAATAAAGTGACAAGAATCTACAATGTTATTGGTACCCTCAAAGGAGCTGTGGAACGACAGATATG
 TTATTCTTGGAGGGCACAGAGATGCTTGGGTGTTTGGTGGCATTGACCCTCAGAGTGGAGCAGCTGTTGT
 TCATGAAATTGTCAGGACCTTTGGAACTCTGAAGAAGAAAGGTTGGAGGCCTAGAAGAATTTTTGTTT
 GCAAGCTGGGATGCTGAAGAATTTGGCCTTCTTGGTTCTACTGAGTGGGACAGGAACTTCAAGACTCT
 TACAAGAAGCTGGTGTGGCTTATCAACGCTGATTCTTCCATAGAAGGAACTACACTCTCAGAGTTGA
 TTGCACACCAGTATGCACAGCTTAGTATAACAACCTAACAAAAGAGCTGCCAAGCCCGGATGAAGGCTTT
 GAAGGCAAATCTCTTTATGACAGCTGGAAGAAAAAGTCTTCAACTGAGTTCATTGGAATGCCAAGGA
 TTAGCAAGCTGGGTCTGGCAATGATTTTGAAGTGTCTTCCAAAGACTTGAATGCTTCAGGCAGAGC
 CCGGTATACTAAAAATTTGAAAAACAACAAAGTCAGCAGCTATCCTCTCTATCACAGTGTCTATGAAACA
 TACGAATTTGGTAGAAAAATCTATGATCCGACATTTAAATATCACCTCACTGTGGCCAGGTTCCGAGGAG
 CAATGGTATTTGAATTGGCCAATTCATAGTGCTCCCTTTGACTGCCAAAGTTATGCTGTAGCTCTGAA
 GAAACATGCTGAGACTATCTACAACATTTCAATGAATCATCCACAGGAGATGAAGGCGTACATGATATCA
 TTTGATTCCGCTGTTTTCTGCAGTAAATAATTTTACAGATGTTGCATCCAAGTTCAATCAGAGACTGCAAG
 ACTTAGACAAGAGCAACCCCATATTACTGAGAATTTTGAATGATCAGCTAATGTATCTGGAACGTGCATT
 CATTGATCCTTTAGGATTACCAGGAAGGCTTTCTACAGGCATATCATCTATGCTCCAAGCAGCCACAAC
 AAGTATGCAGGAGAATCATTCCCAGGGATTTATGATGCCCTTTTGTATTAATAACAAAGTCGACACTT
 CTAAGGCCTGGAGAGAAGTGAAGAGACAGATTTCTATTGCAGCCTTACAGTGAAGCTGCAGCAGAGAC
 TCTGAGAGAAGTAGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057185
Insert Size: 2259 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_057185.2 , NP_476533.1
RefSeq Size:	3011 bp
RefSeq ORF:	2259 bp
Locus ID:	85309
UniProt ID:	P70627
Cytogenetics:	1q32
Gene Summary:	catalyzes the release of glutamate from acidic peptides including the neuropeptide N-acetyl-alpha-L-aspartyl-L-glutamate [RGD, Feb 2006]