

Product datasheet for **RN205405**

Npas4 (NM_153626) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npas4 (NM_153626) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Npas4
Synonyms:	Nxf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205405 representing NM_153626
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTACCGATCCACCAAGGGCGCCTCCAAGGGCGCCGACCAGATCAACGCCGAGATTCGGAACCTCA
 AGGAACTGCTGCCGTTGGCTGAAGCGGACAAGGTCGGCTGTCTACCTGCACATCATGAGTCTTGCCCTG
 CATCTACACTCGCAAGGGTGTCTCTTTGCTGGAGGCACTCCTTTGGCTGGCCCCACGGGCTTCTCTCT
 GCTCAAGAGCTTGAAGACATAGTGGCAGCACTACCTGGATTTCTACTTGTGTTTACAGCTGAGGGGAAGT
 TGCTATACCTGTCGGAGAGTGTGAGCGAGCATCTGGCCATTCTATGGTGGATCTGGTTGCCAGGGTGA
 CAGTATTTACGACATCATTGACCCTGCTGACCATCTCACTGTGCCAGCAGCTCACCATGCCCTCTGCT
 CTGGATGCTGATCGCCTTTCCGTTGTCGATTTAACACATCCAAGTCCCTCCGGCCAGAGTGCAGGCA
 ACAAACTGGTGTATTTCGAGGTCGATTCCATGCTCACCCACCTGGGGCCTACTGGGCAGAAACCCCGT
 GTTCACAGCTTTCTGTGCCCACTGGAGCCAAGACCCCGTCCCGCCCTGGCCCTGGCCCTGGCCCTGGT
 CCTGCCTCTCTTCTGTCGCATGTTCCAGAGCCGGCATGCTAAGGACCTAGCCCTACTGGACATTTCTG
 AAAGTGTCTAATCTACCTGGGCTTTGAGCGCAGCGAACTGCTCTGTAATCATGGTATGGACTGCTACA
 CCCCAGGACCTGGCCCACGCTTCTTCTCAACTACCGCCTGTTGGCTGAAAATGGAGATATTCAGGCT
 GAAATGGTGGTGAGACTTCAAGCCAAGCATGGAGGCTGGACATGGATTTACTGCATGCTATACTCGGATG
 GTCCAGAAGGCCCTATTACTGCCAATACTACCCTATCAGTGACACGGAAGCCTGGAGTCTTCGCCAGCA
 GCTAAACTCTGAAAACACCCAGGCACTATGTCCTAGGAACCCAGCTGTGCTACCCCTATTCTCTGAG
 AATGTCTTCTCCAGGAGCACTGCTCTAATCCACTCTTACACCAGCCCTGGGGACTCCTAGAAGTGCCA
 GCTTCCCAGGGCCCTGAACTAGGTGTGATCTCAACATCAGAAGAGCTTGCCCAACCCCAAGAACTG
 GGACTTCAGTTACCTGCCATTCCCTGCAAGGCCCTGAGCCTTCCCTCCAAGCAGACTTGAGCAAGGATTTG
 GTGTGACTCCACCTTACACACCCACAGCCAGGAGGCTGCGCCTTCTCTTACGCTCCTGAACCCCT
 TCCAGACTCACTTGCCCCCTCCATCCAGCTCTCTCCAAGAACAGCTGACGCCAAGCACGGTGACTTTCTC
 TGAACAGTTGACACCAAGCAGTGCAACCTTCCAGATCCACTAACCAGTTCACTACAAGGACAGTTGACT
 GAAAGCTCAGCCAGAAGCTTTGAAGAACAATTGACTCCGTGCACCTCTACCTTCCCTGACCAGCTGCTTC
 CCAGCACTGCCACGTTCCAGAACCTCTGGGTAGCCCCACCCATGAGCAGCTGACTCCTCCAGCACAGC
 ATTCGAAGCACATCTGAACAGTCTAGCCAAACCTTCCAGAGCAACTGAGCCCTAATCCTACCAAGACT
 TACTTCGCCAGGAGGGATGCAGTTTTCTCTATGAGAAGTTGCCCAAGTCTAGCAGCCCTGGTAATG
 GGGACTGTACACTTTGGCCCTAGCTCAACTCCGGGGTCCCTCTCTGTGGACGTCCCCCTGGTGCCTGA
 AGGCTGCTCACACCTGAGGCCTCTCCAGTCAAGCAAAGTTTCTTCCACTATACAGAGAAAGAGCAGAAT
 GAGATAGATCGTCTCATCCAGCAGATCAGCCAGTTGGCTCAGGGCATGGACAGGCCCTTCTCAGCTGAGG
 CTGGCACTGGGGGGCTGGAGCCACTTGGAGGGCTGGAGCCCTGAACCCCAACCTGTCCCTGTCAGGGGC
 TGGACCCCTGTGCTTAGCCTGGATCTTAAACCTGGAATGCCAGGAGCTGGACTTCTTGGTTGACCCCT
 GATAATTTATTCCTGGAAGAGACGCCAGTGAAGACATCTTATGGATCTTTCTACTCCAGACCCCAATG
 GGGAAATGGGGTTCAGGGGATCCTGAGGCAGAGGTCAGGAGGGACCCTGTCACCTTGAACAACCTGTC
 CCCAGAAGATCACAGCTTCTGGAGGACTTGCCACCTATGAAACCGCCTTTGAGACAGGTGTCTCAACA
 TTCCCCTATGAAGGGTTTGTGATGAGTTGCATCAACTCCAGAGCCAAGTTCAAGACAGCTTCCATGAAG
 ATGGAAGTGGAGGGGAACCAACGTTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_153626
Insert Size: 2409 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_153626.1 , NP_705890.1
RefSeq Size:	2460 bp
RefSeq ORF:	2409 bp
Locus ID:	266734
UniProt ID:	Q8CJH6
Cytogenetics:	1q43
Gene Summary:	may act as a transcription factor [RGD, Feb 2006]