

Product datasheet for **RN210650**

Npas1 (NM_001107479) Rat Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Npas1 (NM_001107479) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Npas1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN210650 representing NM_001107479
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCCCTATCCCAGAAGCGGTGGCCGAGGTGAAGTTAAGTGCAGGGGAGGCCGTGGAGCCGGCG
 TCCCCTGGGATTTCTGCCCCGGCTGATGGTCAAGGCCCTCCCGACCTGCCTGCAGGCGCAGCGCAA
 AGAGAAGTCCCGCAACGCGGCGCGCTGGCGGCGGAAAGGAAAAATCTCGAGTTCTTCGAGCTGGCCAAG
 TTGCTCCCTCTGCCCGGTGCCATCTCCAGTCAGCTGGACAAGGCGTCCATAGTGGCTTTCAGCGTCACAT
 ACCTCCGCTGCGTGGTTTGGGCTCTGGGAGCGCTCCCTGGGGTTGCGGGCGTGGGCTCCCGC
 TGGCTCGCCCCAGTCCGCGAGGCGTGTGGCTCTGGTGTCTGAAGTCTTCGAGCAACACCTAGGTGGA
 CACATCTACAGTCTTGGATGGCTTCGTGTCGCTTGAACCAGGAAGGAAATTCCTCTACATCTCAG
 AGACAGTGTCCATCTACTGGGTCTCTCACAGGTGGAGCTGACGGGCAGCAGCGTCTTCGACTACATCCA
 TCCTGGGACCACTCGGAGGTCTAGAGCAACTGGACTGAGGGCCGCAACCACTGGCCCCCTACGCCG
 CCTTCTGTGTCTCCACTTCTCTCTCGTCTTCTCTCTCGCTGGTGGACACCCCGAGATTGAAGCCA
 GCCCACGGAGGCATCCCTGCCTTCCGGTCCAGGAGCGGTCTTCTTTGTCCGAATGAAGTCTACCTT
 CACCAAGAGGGGTCTGAATGTCAAAGCCTCGGGGTACAAGGTATTTCATGTGACAGGACGCTGAGGGCC
 CGAGCGCTGGGTCTTGTAGCCCTGGACACACGCTGCCCCAGCCCCGCTGGCTGAGTGCCTCTGCATG
 GACACATGATTGTGTTTCGCCTCAGCCTGGGCCTCACCATCTTGCTTGTGAGAGCAGAGTGAGCGACCA
 TATGGACATGGGGCCCTCAGAAGTGGTGGGACGAGCTGCTATCAGTTTGTCCACGGACAGGATGTGACC
 AGGATCCGCCAAAGCCATCTGGACCTGCTGGACAAAGGGCAGGTGGTACTGTTACTACCGTTGGCTGC
 AGCGTGCAGGGGGCTTCGTGTGGTGCAGTCTGTAGCCACTGTGGCCGGGAAACGGGAAGAGTGTGGGGA
 GCATCACGTGCTGTGGTCAAGTCAAGTGTGCTGAGCCATGCTGAAGGTGGTCAAACACCCCTGGATGCCTTC
 CAGCTTCCAGCCATTGTGCTCAGGAGGAGTATCCAGCCAGGCCAGGCCCAAAAGGAAGAGCCTC
 CAGTTGAGCGGAAACAGACTGTGCTGTGGAACAGGACAAGGACCCCTCAGGCCCGAGGCAAACG
 CATCAAAGTGGAGGCCAGCCGAAGGAAGTTAGAGGCTCAGAAGACAGTGGAGAGGAAGAGGTCTCGGAT
 CCACCGGCTCCGCTCGGCCGGAATTCACTTCTGTCTTATAGAGCAGGGGCCCTGAAGCATGATCCAGTAC
 TGCCGTGGGGTTTGACAACTCTGGAGACCCCTCGCTGCCCTCCTTTCATGCAGGCTTCTGCCACCCGT
 TGTGCGAGGCTGTGTACCCAGGCACCATCCGTTATGGCCCTGCAGAGTTAAGCCTGATGTATCCACAT
 CTGCACAGGCTGGTCCAGGCCCTCGCTTCCAGAGGCCCTTTACCTACGCTGGGCTGCCCTATCCGG
 GGCCACAGGTAAGGGTGCAGCGAAAGGAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107479

Insert Size: 1788 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:

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_001107479.1](#), [NP_001100949.1](#)

RefSeq Size: 1965 bp

RefSeq ORF: 1788 bp

Locus ID: 308387

Cytogenetics: 1q21