

## Product datasheet for **MC222637**

### **Npas3 (NM\_013780) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Npas3 (NM_013780) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npas3
Synonyms:	4930423H22Rik; bHLHe12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

>MC222637 representing NM\_013780  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGGAGGGCCGGCCGGCCGCGCAACGGCACCCCGCAGAACGTCAGGGCATCACCTCCTACCAGCAGC  
 GAATAACTGCCAGCATCCTCTGCCAACAATCAGAATGTAGGAAAATCTACAGATATGACGGAATCTA  
 CTGTGAATCTACCTACAGAATTTACAAGCACTGAGAAAGGAGAAATCCAGAGATGCTGCTCGATCCCGC  
 CGGGGAAAAGAAAATTTGAGTTCTATGAATTGGCCAAGCTGTTGCCTCTTCTGCCGCATCACAGCC  
 AGCTCGACAAGGCATCCATCATCCGACTTACAATTAGTTATCTCAAGATGAGAGACTTTGCCAACCAAGG  
 GGATCCTCCATGGAACCTGAGGATGGAAGGCCCTCCACCAACACCTCAGTAAAAGGTGCACAACGAAGG  
 CGGAGCCCCAGCGCACTGGCCATTGAAGTATTTGAAGCACATTTGGGAAGCCACATTTTGCAGTCCCTGG  
 ATGGCTTCGATTTGCACTAAATCAAGAAGGAAAATTTTGTACATTTCTGAAACCGTCTCTATCTACCT  
 AGGCCCTCTACAAGTGGAGCTGACAGGTAGCAGCGTCTTTGACTATGTCCACCCTGGGGACCACGTGGAG  
 ATGGCAGAGCAGCTGGGCATGAAGCTCCCGCTGGGCGGGTCTCCTCTCGCAGGGCACACAGAGGACG  
 CGGCCAGTTCAGCATCTTCTCTTCTCAGTCAGAGACCCCTGAGCCAGTGGAGACGACCAGCCCTAGTCT  
 GCTAACCCAGCAACACCCCTTGAACGGTCTTTTTTATCCGAATGAAGTCTACTCTGACAAACGTGGA  
 GTCCACATCAAGTCATCTGGGTATAAGGTGATTCACATAACAGGCCGGCTTCGCCTCAGAGTGTCTGT  
 CCCACGGGAGGACCGTCCCAGCCAAATCATGGGTCTGGTGGTTGTGGCTCACGCCTTGCCTCCCCTAC  
 GATCAATGAAGTCAGAATTGACTGCCATATGTTCTGCTACTCGAGTAAACATGGATCTCAATATCATTAC  
 TGTGAAAATAGGATTAGTGATTACATGGATCTGACCCCTGTAGACATCGTAGGAAAAGATGTACCCT  
 TCATCCATGCCAAGATGTAGAAGGCATCAGGCACAGTCACCTGGACTTGCTGAATAAGGGTCTGTGT  
 GACCAAGTACTACCGCTGGATGCAGAAGAATGGAGGCTACATCTGGATACAGTCTAGTGCCACCATAGT  
 ATTAATGCGAAGAATGCAATGAGAAGAATCATCTGGGTGAATTATCTTCTTAGTAATCCGGAGTACA  
 AGGACACACCCATGGACATTGCGCAACTCCCGCATTTGCCAGAGAAAGCGTCAGAATCCTCAGAGACATC  
 CGACTCTGAGTCAGACTCTAAAGACACCTCAGGTATTACAGAGGACAATGAGAACTCCAAGTCCGACGAG  
 AAGGGCAATCAGTCCGAGAATAGCGAAGATCCGGAGCCTGACCGCAAGAAGTCAGGCAGCGCATGCGACA  
 ACGACATGAAGTGAACGACGATGGCCACAGCTCCAGCAACCCGGACAGCCGTGACAGCGACGACAGCTT  
 CGAGCACTCGGACTTTGAACACCCCAAGGCGGCCGAGGATGGCTTCGGCGCGCTGGGCCCTATGCAGATC  
 AAAGTGGAGCGCTACGTGGAGAGCGAGGCGGACCTGCGACTGCAGCCCTGCGAGTCTGCTCAGTCCGACA  
 GCGCCAAGGACTCAGACAGCGCAACGAGGCGGGCGCTCAGGCATCCAGCAAGCACAGAAAGCGCAAGCG  
 GCGGCGGAAACGGCAGAAGGGCGGCAGCGCCAGTCCGCGACGCGCTGTCCAGCGCTCCAGCCAGGCGCTG  
 GACGCCGGTCTGGTGGAGCCTCCGCGGCTGCTGTCTCATCGCCGACAGCGCCTCTGTGCTCAAGATCAAGA  
 CAGAGATCGCCGAGCCCATCAACTTCGACAACGACAGCAGCATCTGGAATACCCGCCAACCCGGGAGAT  
 CTCCAGGAACGAATCCCGTACAGCATGACCAAGCCCCACCTCCGAGCACTTCCCGTCCCCGACGGGC  
 CAGGGAGGCAGCAGCGGTGGCGGGGAGCGCTGCACGTGGCCATCCCGACTCGGTCTCACCCACCGG  
 GCGCCGATGGCACAGCTGGCCGAAGACTCAGTTCAGCGGCACAGCCCCGGTGCCTCTGATCCACTGTC  
 GCCCCCGCTCTCTGCGTCCCCGCGGACAAGCACCCCGGGGGCGGGGAGTGGCGGGGTGGCCCT  
 GGTGCATCCAACCTCTTGTGTACTGAGGACCTGGAGGCCCTGCAGAGGTTGCAAGCGGCAACGTCG  
 TGCTTCCGCTGGTGCACCGGTTGACCGGACCCTGGCAGCCACCAGCACGCCGACAGAGGTTCTACAC  
 CACGGGCACTATCCGCTACGCACCCGCTGAGGTGACCCTGGCCATGCAGGGCAACCTGCTACCCAACGCG  
 CATGCTGTAACTTCGTGGACGTTAACAGCCAGGCTTTGGCCTCGACCCCAAGACCCATGGAGATGC  
 TCTACCACCAGTGCACCGACTCAACATGTCAGGACCATTTGGCGGCGCCGTGAGCGCGGCCAGCCTCAC  
 ACAGATGCCAGGTGGCAACGTGTTACCCACAGCCGAGGACTCTTCTCCACGCTGCCCTCCAGTCTAC  
 AGCAACGGTATCCACGCGCACAGACTCTGGAGCGCAAGGAGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

<b>ACCN:</b>	NM_013780
<b>Insert Size:</b>	2778 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_013780.2</a></u> , <u><a href="#">NP_038808.2</a></u>
<b>RefSeq Size:</b>	5879 bp
<b>RefSeq ORF:</b>	2778 bp
<b>Locus ID:</b>	27386
<b>Cytogenetics:</b>	12 C1