

Product datasheet for **MC228814**

Invs (NM_001281978) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Invs (NM_001281978) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Invs
Synonyms:	inv; Nphp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228814 representing NM_001281978
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGCAGCAGGAAAAGCAATGACGACGTGCTCAGGACGATGCTGAGTCTAAAGTCAGACATCGACA
 TTAACATGTCGGACAAGTACGGAGGCACAGCTTTACACGCCGCTGCCCTTCTGGCCACGTCAGCACCGT
 GAAGTTATTATTGGACAATGATGCTCAAGTGGATGCCACTGACGTCATGAAACATACTCCACTGTTCCGA
 GCCTGTGAGATGGGACACAGAGATGTGATTAGACGCTTATTAAGGTGGAGCACGAGTAGATCTGGTTG
 ACCAGGACGGACATTCGCTTCTACACTGGGCAGCGCTGGGGGAAATGCTGACGCTGCCAGATACTGAT
 AGAAAATAAGATCAACCCAAACGTGCAGGATTATGCAGGAAGAACACCGCTTCAGTGTGCTGCGTACGGA
 GGGTACATCAACTGTATGGCTGTGCTCATGGAGAATAATGCAGACCCCAACATCCAAGACAAAGAGGGAC
 GAACAGCTTTCGACTGGTCTGTAAACAATGGCTACCTTGATGCCATTAACACTGCTAGATTTTGTCTGC
 TTTCCCTAATCAGATGGAGAACAATGAGGAGAGGTACACACCCCTTGATTATGCATTGCTGGTGAGCGC
 CATGAGGTGATCCAGTTCATGCTGGAACATGGTGCCTGTCCATCGCAGCTATACAAGACATCGCTGCC
 TCAAAATCCAAGCAGTCTACAAAGGATACAAGGTGAGAAAAGCCTTCCGAGACCGGAAGAACCTCCTCAT
 GAAGCAGCAACAGCTGAGGAAAGACGCTGCAGCCAAAAACGGGAAGAGGAAAACAAGAGGAAGGAAGCT
 GAACAGCAGAAAGGGCAGCTGGACACCGATCCTCCAGATCCCACTGCAGTTCATCTGCACCTGTCTCC
 CCTGTCCACCCAGCCCCAGAATGAGGCCAGCAAGCAGGACGCAACCCCTAGCAAACAGCCACCTGCTAG
 CCACACAGTCCAGAGCCCTGACCAGAACACAGCAGGCCCTCCAGGCAGATGTCCAGGCAGAGCCTCCAA
 GGGGATCTTCCATAGACCTTCAGGGAACGGCCTCCAGAAAGCCAAGTGAACACCCATAGAGCACTGCA
 GAGGCCCTCTGCCTGTGTGCACCCAGATCCTGGGAAGGTGGCAACAGCTCCAAGAACCAGGGAACATC
 CTCTGTGGAGAAGCGCAGAGGTGAGACCAATGGCAAAACACCGGAGGTGTGAGGAGGGGCCAGCAGCGCC
 AGGCAGCCCTTGTGACTGGGTGAGCCGCTGCTGAGAAAGGAGAGGACTCCAGCCCTGCAGTTGCAA
 GTGCTTCCAGCAGGACCACCCAGGAAGCCAAATAAGAGACAGGACAGGGCAGCCAGGCCAGAGGTGC
 TTCGAGAAAAGACGCACCCATCAGCTCAGAGACAGGTGCTCCCAAGTGGGTCCAGCCGCTGCGAGT
 GCCAAGGGGAAGTTGCCTGTGCTGATCAGAGTCTCTCCACCGTCACACACCAAGAAGCAAGGTGACCC
 AGGACAAGCTTATAGGAGGGTCTCCTCAGTTTGGCCGCTCAGCACAGAAGCGTCGAGGTGAGGTGCAA
 GCAGCTTATGAGGACATCTGTGATCTCCAGAGACTGGCGTGGCTCATGGCCCCCACCTGGACAGTGT
 ATGAATATTCACCTTCTCCTGTAGAGCAGCGCTGCTGATAATCCAGAGGGAACGAAGCAGGAAAGAGC
 TGTTTCGACGGAAAACAAGGCAGCGCGGTATCCAGCGAGCTTGGCGAAGCTACCAGCTCAGGAAGCA
 CCTGTCTCGGCTTCTGCATTTGAAGCAGCTTGGAGCCAGAGAAGTGTCTCAGATGTACCAAGTGTGCACA
 GCCCTGCTCCTCAGGTTTGGAGGAAAGAACTGGAACCAAAATCCCAAAGTCCATCTCAGTAAGCAGGA
 CATCGAAGAGTCCATCCAAGGCTCGTCGGCCACAAAGTATGCCAGGCACTCAGTGTCTCAGGCAGATCTA
 CGGTTGTTCTCAAGAAGGGAAAGGACATCATCCATCAAATCTTAAAGCCCCGCTGTGCTTCATCTC
 AGCTCAGTGAACAGTTTGCAGTCTATACATCTTGACAACAGTGGAAAGATCAAAGAAGTTCTTTACAATC
 TGCAACCATCCAGTCAATCAAAAAACAAGCCAAAGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001281978

Insert Size: 2211 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001281978.1</u> , <u>NP_001268907.1</u>
RefSeq Size:	5900 bp
RefSeq ORF:	2211 bp
Locus ID:	16348
Cytogenetics:	4 26.11 cM