

Product datasheet for **RN211781**

Oit3 (NM_001001507) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oit3 (NM_001001507) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oit3
Synonyms:	Lzp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211781 representing NM_001001507
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCTCTGTCCCTGCTGCTCGCCTGCCTCTTACCAGTGTACCTTGCAGTCACCCGTGGTCTAGATC
CTTGTTCTGCTTATATCAGTCTGAATGAGCCCTGGAGGAACACTGACCATCAGTTTCGATGAGTCCCAAAG
TCAGCCTCTCTGCGACAACCATATGGATGGGGAGTGGTACCGCTTACAGGTATGGCGGGGACGCCATG
CCCACCTTCTGCATACCAGAAAATCACTGCGGGACCCATGCACCTGTCTGGCTCAATGGCAGCCACCCCC
TAGAAGGGGATGGCATTGTGCAACGCCAGGCTGTGCCAGCTTCAAAGGGAAGTGTGTCTGTGGAACAC
CACGGTGGAGGTCAAGGCCTGCCCTGGAGTTACTATGTGTATCGGCTGGCCAAGCCAGCGTCTGCTTC
CACATCTACTGTGGACATTTCTATGACATCTGTGATGAGGATTGTCATGGCAGCTGCTTGGACACCACTG
AGTGCCGATGCTCTCCGGAACTCGCTGGGCCAGATGGGCAGACTTGTTCGACGAAAATGAGTGTGA
GCACAACAAATGGTGGCTGCACTGAGATATGTGTGAACCTCAAAAACACTCACACCGCTGCGCATGCGGGGTC
GGCCGCGTGTCTCAGGAGCGACGGAAGACTTGCAGAACATCGAAGGATGCCACAGTAACAATGGCGGCT
GCAGCCACTCCTGCCTGGGTCTGAGAAGGGTTATCAGTGCGAATGTCCTCGGGGTTTGGTGTGTCCGA
AGATAACCACACTTGCCAAGTCCCTGTGTGTGCAAGTCCAGCGCCATTGAAGTGAAGTGTCCCCGGGAG
CTGGTTGGAGGCTGGAGCTCTTCTGACCAACACCTCTGTGAGGAGTGTCCAATGGCACACACGTCA
ACATCATCTTCTCCCTCAAGACCTGCGGCACCGTGGTTGACGTGGTGAATGACAAAATCGTGGCTAGCAA
CCTCGTGACGGGTCTGCCTAAGCAGACCCCTGGGAGCAGCGGGGACATCATCATTCCGACCAGCAAACCTG
CTGATCCCGGTGACCTGCGAGTTCACACGCTGTACACCATCTCAGAAGGGTACGTGCCAACCTGCGCA
ACGCCCCACTGGAAATCAGGAAACCGGAACACCGCATCTTCCCCTCACACTGGAGATCTTCAAGACCA
CGAGTTCGAGGAACCGTACCGGGAGACTCTGCCACGCTCAAGCTTCGAGACTCACTCTACTTTGGCATC
GAGCCCCGTGGTTCATGTGAGCGGCTGGAGAGCCTGGTAGAGAGCTGCTTGGCCACGCTACTGCGAAGG
TGGACGAAATCCTCAAGTACTACCTGATCCGGGACGGCTGTGTTCCGATGACTCGGTAAGCAATACTC
ATCCAGGGACCACCTAGCAAAGCACTTCCAAGTCCCCGCTTCAAGTTTGTGGGCAAAGACCACAAGGAG
GTCTTTTACTACTGCGGGTCTTGTGTGTGGGTGCTGGATGAACGCTCCCGCTGTGCCAGGGGTGCC
ACCGGCGAGTGCCTCGAGAGGCTGGTGAAGACGAGGACTCTGCTGGGCTGCAGAGCCAGACACTGACAGG
CGCCCCATCAGCATCGACTGGGAGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001001507

Insert Size: 1641 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_001001507.1](#), [NP_001001507.1](#)

RefSeq Size: 2289 bp

RefSeq ORF: 1641 bp

Locus ID: 294559

UniProt ID: [Q6V0K7](#)

Cytogenetics: 20q11

Gene Summary: mouse homolog appears to be a hepatocyte specific protein and may be involved in hepatocellular function and development [RGD, Feb 2006]