

Product datasheet for **MC218813**

Oit3 (NM_010959) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oit3 (NM_010959) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oit3
Synonyms:	EF-9; LZP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218813 representing NM_010959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCTCTGTCCCTGCTGCTCACCTGCCTCTCCACCACAGTCACCTTGGTGTACCTGCGGTCTAGATC
 CTTGTTCCGCTTACATCAGTCTGAACGAGCCCTGGAGGAACACTGACCACCAATTCGACGAGTCCCAGAA
 TCAACCTCTTTCGACAACCATATGAACGGGGAGTGGTATCGCTTACGGGGATGGCAGGAGATGCCATG
 CCTACCTTCTGCATACCGGAAAATCACTGTGGGACCCATGCTCCTGTCTGGCTCAATGGCAGCCACCCCC
 TAGAAGAGGATGGCATTGTGCAACGCCAGGCTGTGCCAGCTTCAAAGGAACTGCTGTCTGTGGAACGC
 CACGGTGGAAAGTCAAGGCCTGCCCCAGAGGCTACTACGTGTATCGGCTGGCCAGACCCAGCGTCTGCTTC
 CATGTCTACTGTGGCCATTTCTATGACATCTGTGATGAGGATTGTACGGCAACTGCCTGGATACCACCG
 AGTGTGCATGCTCTCCAGAACCTCGCTGGGCCAGATGGGCAGACTTGTCTTACGAAAATGAATGTGA
 GCACAACAACGGTGGCTGCAGCGAGATCTGCGTGAACCTCAAAAACCTCACACCGCTGCGCATGCGGGGTT
 GGCCGCGTGTCAAGGAGCGACGGGAAGACTTGCGAAGACATCGAAGGTTGTACACAACAACATGGTGGCT
 GCAGCCATTCTGCCTTGGGTCTGAGGAGGGCTATCAGTGTGAATGTCCCGGGGCTTGGTGTCTGTGA
 AGATAATCACACTTGCCAAGTCCCCGTGTTGTGCAAGTCCAGCGCCATTGAAGTGAAGTGTCCCCGGGAG
 CTGTTGGAGGCCTGGAGCTCTTCTGACCAACACCTCTGCCGAGGAGTGTCCAATGGCACCCACGTCA
 ACATCGTCTTCTCACTCAAGACCTGCGGCACCGTGGTTGACGTGGTGAATGACAAAATCGTGGCCAGCAA
 CATCGTGACGGCCCTGCCAAGGAGACCCTGGGAGCAGTGGGGACATCATCATTCCGACCAGCAAACCTG
 TTGATCCCCGTGACCTGCGAGTTCACACGACTGTACACCATCTCGGAAGGATACGTGCCAACCTGCGCA
 ATGCCCATTTGAAATCAGGAGCCGAAACACGGCATCTTCCCTTCACTGGAGATTTTCAAGACCA
 CGAATTCGAGGAACCGTACCGGGAGACTCTGCCACACTCAAGCTTCGCGACTCACTCTACTTTGGCATA
 GAGCCCTGTTGCATGTGAACGGCTGGAGAGCCTGGTAGAGAGCTGCTTGGCCACGCCACTGCAAAGA
 TGGATGAAATCCTCAAGTACTACCTGATCCAGGACGGCTGTGTTCCGATGACTCAGTAAAGCAGTACTC
 ATCCAGGGACCACCTAGCAAAGCACTTCCAAGCCCCGCTTCAAGTTTGTGGGCAAAGACCACAAGGAG
 GTATTTTACACTGCCGCGTCTTGTATGTGGGTGCTGGATGAGCGTTCGCGTGTGCCAAGGGTGCC
 ACCGAAGAGTACGTCGTGAGGTGGGTGAGGACGAGGACTCTGCTGGGCTGCAGAGCCAGACTGACAGG
 TGGCCCATCGCCATCGACTGGGAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_010959

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_010959.2](#), [NP_035089.1](#)

RefSeq Size: 2716 bp

RefSeq ORF: 1641 bp

Locus ID: 18302

UniProt ID: [Q8R4V5](#)

Cytogenetics: 10 B4

Gene Summary: May be involved in hepatocellular function and development.[UniProtKB/Swiss-Prot Function]