

Product datasheet for **SC108837**

OIT3 (NM_152635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OIT3 (NM_152635) Human Untagged Clone
Tag:	Tag Free
Symbol:	OIT3
Synonyms:	LZP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108837 sequence for NM_152635 edited (data generated by NextGen Sequencing)

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ATGCCTCCATTCTGCTTCTCACCTGCCTTTCATCACAGGCACCTCCGTGTCACCCGTG
GCCCTAGATCCTTGTCTGCTTACATCAGCCTGAATGAGCCCTGGAGGAACACTGACCAC
CAGTTGGATGAGTCTCAAGGTCCCTCTATGTGACAACCATGTGAATGGGGAGTGGTAC
CACTTCACGGGCATGGCGGGAGATGCCATGCCTACCTTCTGCATACCAGAAAACCACTGT
GGAACCCACGCACCTGTCTGGCTCAATGGCAGCCACCCCTAGAAGGCGACGGCATTGTG
CAACGCCAGGCTTGTGCCAGCTTCAATGGGAACTGCTGTCTTGGAACACCACGGTGGA
GTCAAGGCTTGCCTGGAGGCTACTATGTGTATCGTCTGACCAAGCCACGCTCTGCTTC
CACGTCTACTGTGGTCATTTTTATGACATCTGCGACGAGGACTGCCATGGCAGCTGCTCA
GATACCAGCGAGTGCACATGCGCTCCAGGAACTGTGCTAGGCCCTGACAGGCAGACATGC
TTTGATGAAAATGAATGTGAGCAAAACAACGGTGGCTGCAGTGAGATCTGTGTGAACCTC
AAAACTCCTACCGCTGTGAGTGTGGGTTGGCCGTGTGCTAAGAAGTGTGGCAAGACT
TGTGAAGACGTTGAAGGATGCCACAATAACAATGGTGGCTGCAGCCACTTTGCCTTGGA
TCTGAGAAAGGCTACCAGTGTGAATGTCCCGGGCCCTGGTGTCTGAGGATAACCAC
ACTTGCCAAGTCCCTGTGTTGTGCAAATCAAATGCCATTGAAAGTGAACATCCCCAGGGAG
CTGGTTGGTGGCCTGGAGCTTCTCTGACCAACACCTCCTGCCGAGGAGTGTCCAACGGC
ACCCATGTCAACATCCTTCTCTCTCAAGACATGTGGTACAGTGGTTCGATGTGGTGAAT
GACAAGATTGTGGCCAGCAACCTCGTGACAGGTCTACCCAAGCAGACCCCGGGGAGCAGC
GGGGACTTCATCATCCGAACCAGCAAGCTGCTGATCCCGGTGACCTGCGAGTTTCCACGC
CTGTACACCATTTCTGAAGGATACGTTCCCAACCTTCGAACTCCCCACTGGAATCATG
AGCCGAAATCATGGGATCTTCCCACTTCACTCTGGAGATCTCAAGGACAATGAGTTTGAA
GAGCCTTACCAGGAACTCTGCCACCCTCAAGCTTCGTGACTCCCTCTACTTTGGCATT
GAGCCCGTGGTGACGTGAGCGGCTTGGAAAGCTTGGTGGAGAGCTGCTTTGCCACCCCC
ACCTCCAAGTACGACGAGGCTCCTGAAATACTACCTCATCCGGGATGGCTGTGTTTCAGAT
GACTCGGTAAAGCAGTACACATCCCGGGATCACCTAGCAAAGCACTTCCAGGTCCCTGTC
TTCAAGTTTGTGGCAAAGACCACAAGGAAGTGTTCGCACTGCCGGTTCTTGTCTGT
GGAGTGTGGACGAGCTTCCCGCTGTGCCAGGGTTGCCACCGGCAATGCGTCTGTGG
GCAGGAGGAGGACTCAGCCGGTCTACAGGGCCAGACGCTAACAGGCGGCCCGATCCGC
ATCGACTGGGAGGACTAG
    
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Clone variation with respect to NM_152635.1
1401 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152635 unedited

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NNCCGTCGAAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGCACCAG
TATTAAGAGGATTTTCCAGTGTCTTGGCAGTTGGTCCAGAAGATGCCTCCATTCTGTCT
TCTCACCTGCCTTTCATCACAGGCACCTCCGTGTCACCCGTGGCCCTAGATCCTTGTTT
TGCTTACATCAGCCTGAATGAGCCCTGGAGGAACACTGACCACCAGTTGGATGAGTCTCA
AGGTCCTCCTCTATGTGACAACCATGTGAATGGGGAGTGGTACCCTTACGGGCATGGC
GGGAGATGCCATGCCTACCTTCTGCATACCAGAAAACCACTGTGGAACCCACGCACCTGT
CTGGCTCAATGGCAGCCACCCCTAGAAGGCGACGGCATTGTGCAACGCCAGGCTTGTGC
CAGCTTCAATGGGAACTGCTGTCTCTGGAACACCACGGTGAAGTCAAGGCTTGCCTGG
AGGCTACTATGTGTATCGTCTGACCAAGCCAGCGTCTGCTTCCACGTCTACTGTGGTCA
TTTTTATGACATCTGCGACGAGGACTGCCATGGCAGCTGCTCAGATACCAGCGAGTGCAC
ATGCGCTCCAGGAACTGTGCTAGGCCCTGACAGGCAGACATGCTTTGATGAAAATGAATG
TGAGCAAAACAACGGTGGCTGCAGTGAGATCTGTGTGAACCTCANAACTCCTACCGCTG
TGAGTGGGGGGTTNGCCGTGTGCTAAGAAGTGTGGCAAGACTTGTNGAAGACGTTTG
AAGGATGCCACAATACCAATGGTGGCTGCAGCCACTTTGCCCTTGGATCTTGAAAAGCT
ACCAGTGTGATGTCCCGGGCCCTGGGGCTGTCTGAAGATACCACACTTGCAGTCCCT
GTGTTGTGCAA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152635 unedited CCTGTTAGAGGCTGCCAAGCATGCCACCCTGTAATCTGTTTCATGAGGACATGCTGTGTAC CGCGCGCACTCTATACTACGAGTCTAGTTCATTTATATTGTTCTATAGCTTAAAAATTAT GACTGTTTTCTCTTAGAGAATATAAAATTCCTAAAATTAGTCTGCTTTTGGATTAATAT TTCATGGCCTAAATATAATTTACCTATTTACGGAGTCTATTGCTATTGGAGTCATAGGTG CACGAGCAGCTAACTTTGCCAGGGATTTATATTGAAGTATGTACCCTGCTACCGCTTA TAGGGAGCTGACCAGCAACATTTTCGGGGTGATTAAGTCTGGGATAGAGTTTAAAGTAAT GGCATCAGTCTTATCCTATGTGAACTGTTTACTTTGTTGGCCTCTAAGAAGGATTCGCC CACACCCGCCATTGTGCACAAAACTTGCCACCAGTGTACCCTTGATGTAGCAGAACCA TAGAGAGATAGGCTCTTGATATCAAAACAAAAGATTGCGAGTTCTGAACTAACTAAATG GCCAATGTATTACTGCGACGCGCCGGATTATCTCCTAATGAGCCCAGCTGACTTTTG TGGGGCCTTAATGTATGACCCACCACAAGGCATTTTTTTGAAGCGCATATGAACCGCAA TTTCGCTTGGTTACGTCAGCATGCGATGATTTGGAGCGCTCACCTAGTCACAACCGGT GTGTGCCCTTTTATTATTTTAAACCTCCTCACCCCGCTGAGGAAAATCCGTCACCTT CAAAAATACAAAGTGACAAAATCGCCCTCGGCTCCG
Restriction Sites:	NotI-NotI
ACCN:	NM_152635
Insert Size:	2250 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:	<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:	NM_152635.1 , NP_689848.1
RefSeq Size:	2361 bp
RefSeq ORF:	1638 bp
Locus ID:	170392
UniProt ID:	Q8WWZ8
Cytogenetics:	10q22.1
Domains:	zona_pellucida, EGF_CA, EGF, EGF
Protein Families:	Druggable Genome

Gene Summary:

This gene was identified due to its downregulation in hepatocarcinomas. The encoded protein may be involved in liver development and function. [provided by RefSeq, Sep 2016]
Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.