

Product datasheet for **MC221141**

Zkscan16 (NM_001099323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan16 (NM_001099323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zkscan16
Synonyms:	XM_143800; Zfp483
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221141 representing NM_001099323
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAAGGTTTAGTGCCCTCAGACATGACGACAGGCCCTCAGCTTTGGCTTTGAGTGAACAGAGCAGGG
 TCCCAGAGTGGATACTCTGAGGGTCCAGGAGAGTATGTTAAGAGGAAATACTGATGACCTGGAGTCTTT
 CAGGCAGAAGTTCAGGTGGTTTTGTTACTCGCAGGAAGAAGGACCCAGAAAAACCTGAATCAACTCTGG
 GAACTCTGCAAGCAGTGGCTGAGACCAGACATTCACACCAAAGAGCAGATCTTAGAGCTGTTAGTGTGTTG
 AGCAGTTCCTGAGGGTCTGCCTGGAGAGATGAGGATTTGGTGAATTCTCAGCATCCTGGGAGTAGTGT
 GGAGGTGGTGACCCTGGTAGAAGACTTGAACCAAAACACTTGAAGAAAAGGAAGATCTCAGCACTCAGGCT
 TCCGCAGTTTGAAGAGGAGGATTTGGGAGAAGATGCAATGGTGGTGGTGGTATGGCGTACCAGATC
 CTGAGCCACGTGAATCTGTAACATTTGAGGATGTGTCTGTGGATTTCTCCAGAGGAGAGTGAAGCTACT
 GGAACCATCTCAAAGAGAGCTATAAAGGAAGTCTGCTGAAAACTTAGGGACCCTAGAGTTTTTGGGC
 TCTCCGGTTTCAAACCTTGACTTGATTTCCCATCTGAAGTGGGTTAAATTGCCAAGGGTACTGAAAAAG
 AAATCTTAAAAGACCCAGACCAGGAGAGTTGGTAAAAGAGAGTGAGTCTAGACGTGAATTGGATGCTTT
 TATGGAAGGCTTGACTTTAGAGAAAACAGTGGAGTACTGCTTCAGGGATGGTGGTTATGGCTTGAAGACA
 GAATTCAGAGGGCAGATGGCAAACCAAGAAAGATCATGGCAAGCGGAGTAGCCATGAGAATAGAGAAT
 CTGAGACAGAAGGGACCTCCTCTGGGAAGAGAGTCAAGCAGACTTCTGACACACTCAAACATCGGAAAGC
 CTCCTTACTAAGATGTCTCAGAGGTCCAAGGAAGGCAAGAAGCCCTTACAGTTTCATTACAGCTCTCGTA
 AACCGCAGAGAGCTCAGGAGGGAAAAGTCGAGGAAATGCGGTGAACCCGAGAAGGACCCACGTCCGCATC
 TATCTCTGCTGAACGCAAGAGACATCCAAAATTGGTTCTTGGTAAAGACCCGAGACGTGTAGTAAAGT
 TGGGGTAGCCTTTACTCAAATCTTAGAGAATTGCATTGAGAGCTCTCAGTGTGAAAAATGCCGGAAGAAT
 TTGTTTCAAGATGAGGCCCAAATCAAGACAAGGAGCCTGATCCTGAAGAAGCCAGTAAGTGCGGGAAGT
 GTGGCAAGGCCTTTGAGCCTGGTACGAAGCGCTCCGTGTGTCTCGAGTGTAGAAAGGCCCCCAAAGCTAG
 CGCCTCACCAAGCCACACAACAAAGCTGACCGAAAAGAAAAGCGTTACAAGTGCACGAATGTGGGAAG
 CGTTTCGCCGAGTTATACTTTCTACTCACCATCAAAGAACCACACTGGAGAGAAGCCCTACGTGTGTA
 AACACTGTGGGAGACCTTTCAGCGACTACTCGTCATTTTATCAACACCAGAGGATTCACACTGGAGAGAA
 ACCATATACATGTAAGGAGTGTGGGAAATCCTTACTCACAGCTCCTCTTTTCAAACATCAGAGGATA
 CACACCGAGAGAAGCCCTATAAGTGTAAAGAGTGCAGGAAAAGCCTTTAGACAAAATTTTGCCTTACTC
 GACATCAGAAGATCCACACTGGAGAAAAACCATTTTTGTGTAAGGACTGTGGACTGTCTTCCGCCTCTT
 TAGTAGTATCATGTATCATCAAAGACTCCATGCGGGAGAGAAGCCCTACAATGTACACACTGTGAGAAA
 GGTTTCCCTCTCATTCCCGCTCAGTCGGCATTTGAGGTGCCACACTGGTGCAGAAACCATACAATGCA
 AAGAAATGTGGGAAAACCTTTCAGACAGAGTTCGTCGCTTAATTTACACATCCGAATCATAACAGGAGAA
 ACCCTACAATGTGATTACTGTGGAGCGGCCTTACCCGGAGCACAATCCTCATTGAACATGTCAAACT
 CACACTAACGTACAATACGAATGTAAGAAGTGTGGTAAGACATTTAAAAGCCGTACGACCAGTCTTAAAC
 ATCACTGTACACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001099323

Insert Size: 2187 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:	<u>NM_001099323.2, NP_001092793.1</u>
RefSeq Size:	2794 bp
RefSeq ORF:	2187 bp
Locus ID:	100041581
Cytogenetics:	4 B3