

Product datasheet for MR205636

Zscan20 (BC023282) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan20 (BC023282) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zscan20
Synonyms:	C130001F22, Zkscan20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205636 representing BC023282 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGGGAGTGGAGGAACATGGGAAGAGTGCTCCTCTGAGGAGGACTTAGAAAACTCATTGACCACC
AAGGCCTGTACCTCACAGAGAAACCTACGGATGTGACACACGTGCCAAAAGCTTCAGTCGAAAAGTGCA
TTTCTTTGCCCGCAGCGGACCCATTCAAGTGAGAAACCTACAAGTGTCTTGGCTCTGGGAAGAGTTTT
AGTGACCGTGCCAACTCAGTACCCACCAGAGAATCCATATTGGAGAGAAGCCGTACAGATGCCTGGAGT
GTGGGAAGAGCTTCAATGACCCCTTAACCTCATCACCCACCAGAGAACCACACAGGGGAAAAGCCCTA
TAAATGTGGGCTGTGTTGAAAAGCTTTAACCAGAGCTCAAACCTGCTGAAACATCAGCGGGTCCACTTG
GGAGGACCTCCCAACCAGCGGATGAGCCCGGGGAGAACCTTGGCCAAAGTCTATCATACAGTGCTTACT
GGAGACGAAATTTACACAGGAGGGACCTAAAGAACCTCAGAATATCAGCATGGGTGCCGACTCTCCTGG
AGCCTGTACCCCAACTCCGGGGAGAAGCTGTACTCGTCCCTGAGTGTGGAAGGTGCTTCTCTAAGAGC
TCTGCCCTCAGAGTCACCAAAGGATCCACAGCGGGGAGAAGCCGTATGAGTGTGCCGTGTGCGGAAGA
GTTTCAGCAAGAGCTCCAGCCTGGCTAACCCGACGGACTCACACTGGGAGAAGCCGCACAAGTGTGC
GGACTGCGGGAAGTGCTTACGCGAGCGTTCCAAGCTCATCACCCACCAGAGGGTCCACACGGGAGAGAAG
CCCTACGAATGCCCGAGTGTGGCAAGTCTTCCGAGACCCTCAACCTCATCACCCATCAGAGGATTC
ACACGGGAGAGAAGCCGTACGAGTGCAGAGAGTGCGGGAAGTGCTTCAACCAGAGCTCCAGCCTCATCAT
TCACCAGCGGATTCACACGGGCGAGAAACCTACAAGTGCACAGAATGCGGCAAAGACTTCAACAACAGC
TCCCACTTCAGCGCCACCAGAACCCACGGGGAGGAAAAGCGTTG

ACCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205636 representing BC023282
 Red=Cloning site Green=Tags(s)

MKGSGGTWEECSSEEDLEKLIHQGLYLTEKPYGCDTRAKSFSRKYVHFFAPQRTHSSEKPYKCLGSGKSF
 SDRANLSTHQRIHIGEKPYRCLCEGKSFNDPSNLIHQRTHTGEKPYKCLCWKSFNQSSNLLKHQRVHL
 GGPPNQRDEPGENFGQSLSYSAYWRRNSTQEGPKEPQNI SMGADSPGACHPNSGEKLYSCEPCGRFC SKS
 SALTSHQRIHSGEKPYECAVCGKSF SKSSSLANHRRHTTGEKPHKCADCGKCF SERSKLIHQRVHTGEK
 PYECEPCGKFFRDRSNLIHQRIHTGEKPYECECGKCFNQSSSLIIHQRIHTGEKPYKCTECGKDFNNS
 SHFSAHRRTHAGGKAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

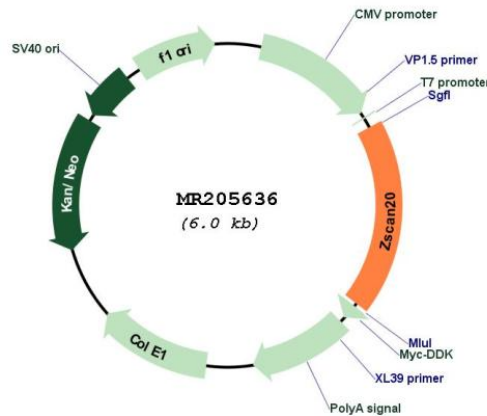
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC023282

ORF Size:	1098 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC023282
RefSeq Size:	1495 bp
RefSeq ORF:	1100 bp
Locus ID:	269585
Cytogenetics:	4 D2.2
MW:	54.8 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]