

Product datasheet for **MG210432**

Zkscan5 (BC060248) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zkscan5 (BC060248) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zkscan5
Synonyms:	AI132486; AI326970; hKraba1; Zfp95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MG210432 representing BC060248
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATAATGACAGAATCCAGGGCAGTTATACACTTAGAGCCTCCCGCTGAGACTTCGCAAGAGCAAGCAG
 ACCTTCTCATAGTGAAAGTAGAAGAAGAGGACTGCTCCTGGATGCAGGGATACAACCGGCCAGTGCTTGA
 GACTTTTTACCAGCGCTTCAAGCACTTCCAGTACCATGAGGCAGCAGGACCCCGGATGCTCTCAGCCAG
 CTCCGGTTCTCTGTTGTGAGTGCTGAGGCCGAGCTGCACACCAAGAGCAGATCCTGGAGCTGCTGG
 TGCTGGAGCAGTTCCTACCATCCTGCCTGAAGAGTTTCAGGCCTGGGTGAGAGAGCATACCCCGAGAG
 TGGGGAAGAAGCCGTGGCTGTATAGAGAGTATCCAGAGAGAGCTGGAGGAGCGCAGACAACAGATTGCC
 ACAAGTCCCGAAGTACTTCTCAGAAGATGGTACCACCCGAGCCACGCAGGAGTCCTTCAGTACCAGT
 GTCTACCTGTGGAGGCCAGCCGAGCGAGAGTACAGAATCTTCTGGAAGAAAAATGATTACGAGCCAA
 GGAGGGCAACTTAGAGTTCACGGTGCAGCAGGTCTCCGATGCAGCTGACCCACACTGGGTGGCCGAGAA
 CGCACGGAAGAAATGGTGTTACAGCTCCAGAGTCCGGCGAAGTACGCGACCTGAAGGACATGGTGCCGA
 GGTGGCAGGTGAATCCCACTTCGGGGAATCCAAGGCAGAAAAGACCTCTGCGCTCAGTCCGGATGTTAA
 CCGGAAGCAGAAATCGAATGGCGAACGAGGCCACAGATGTGGTACTGCGGGAAGTTTTCTCCAAGCC
 TCAAACTTCATTACGACCCGAGGATCCCACTGGAGAGAAACCGTTTAAATGTGGGGAGTGTGGAAGAA
 GCTACAACCGCGGGTTACCTCACTCAGCACCAGAGAGTCCACACCGCGGAGAGGCCCTACAAGTGTC
 GGTGTGCGGGAAGCCTTCCTGTGAGCTCCCATCTGGTGCAGCATCACAGCGTGCACAGCGGGGAGAGG
 CCGTATGGCTGTAAAGAGTGCAGGGAAGAGCTTTGGGCGGCACTCGCATCTGATCGAGCATCTGAAGCGCC
 ACTTCAGAGAGAAATCCCAAAGATGCAGCGACAGAAGAAGTAAGAACAATAAACTAAACATTAAGCAAAT
 TCCAGGACTTTTCAAGAGCAGACCTGGAACATATCGGGAGAAGTCCAAAGGAATGCTTGCCAGGCTGAAGGT
 CACAGTGAGGGCTGTGAACACCAGGATGGACAGCAGGGGTTGTCATGAAAGAAACCTAGGGCAGTCTCT
 CTTCAAAGAGGACAGACTGCAATGAGTTCAGCTATGTCCACAAGAAGTCGTCTCCAGGAGAGAGGCCACA
 CCAATGTAAAGAGTGCAGGAAAAGCTTCATCCAGAGCGCGCACCTCATTACGATCGGAGAATCCATACT
 GGGGAGAAACCATTCAGGTGCGAGGAGTGTGGGAAGAGCTACAACCAACGTGTCCACCTCACTCAACATC
 ACCGCGTTCACACGGGCGAGAAGCCCTATGCCTGTCACTTATGTGGGAAAGCCTTCAGAGTGAAGTCCCA
 CCTCGTTCACACCGGAGAGTGTGCACAGCAGGGAGAGGCCCTTCAAGTGCAACGAGTGTGGGAAGGGCTTC
 GGGAGGCGTTTCGATCTCGCCGGGCACCTCCGACTCCACTCTAGAGACAAGTACACACAGTGTACAGAGT
 GTGGTGAGATCTTTTCCAGTACGTACGCTCCTTGAACACCAAGTGCTCCATGTGGGCCAGAAAGCGCA
 GAAGAACGGTATCTGCGAGGAGGCTACAGCTGGAACCTGACGGTGATCAAAGATAAGAAGCTGGAGTTA
 CAGGAGCAGCCTTACAGTGCGACTCCTGCGGCAAGCCTTCAGTTACAGTTCTGACCTCATTACAGATT
 ACAGAACTCACTCTGCGGAGAAACCCAGAAATGCGACGCATGCAGGGACAGCACCTGCCAGTGTCCGCA
 CATAAACAGCAACAGAAAAGCTGCCCCAGTGGGAAATCCCATCAGTGCAATGAGTGTGGAAGGGGCTTC
 AGTCTGAAGTCCCATCTCAGTCAACATCAGAGAATCCACACCGGCGAGAAGCCCCCTCAGTGTAAAGAGT
 GTGGAATGAGTTTCAGTTGGAGCTGTAGCCTCTTCAAACATCTGCGTAGCCACGAGAGGACAGATCCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

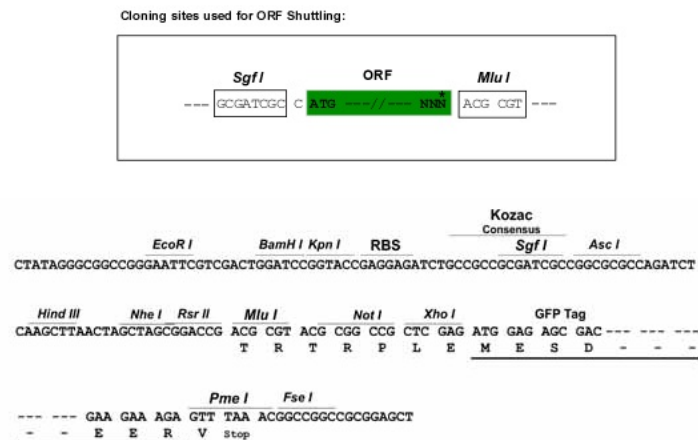
Protein Sequence: >MG210432 representing BC060248
 Red=Cloning site Green=Tags(s)

MIMTESRAVIHLEPPAETSQEQADLLIVKVEEEDCSWMQGYNRPVLETFYQRFKHFQYHEAAGPRDALSQ
 LRVLCCEWLRPELHTKEQILELLVLEQFLTILPEEFQAWVREHHHPESGEEAVAVIESIQRELEERRQQA
 TSPEVLPQKMVPPGATQESFSHQCLPVEAQPERESQNLLEENDYEPKEGNLEFTVQQVSDAADPHWVAE
 RTEKNGVQRPESGEVSDLKDMVPRWQVNPTSGNPRQKRPLRSGPDVNRKQKSNGERGHRCGDCGKFFLQA
 SNFIQHRRHTGEKPFKCGECGKSYNQRVHLTQHQRVHTGEKPYKCQVCGKAFRVSSHLVQHHSVHSGER
 PYGCNECGKSGFRHSHLIEHLKRHFREKSQRCSDRRSKNTKLNKQIPGLSEADLELSGEVQRNACQAEG
 HSEGCHEHDGQQGVVMKETLGQSSSKRTDCNEFSYVHKSSPGERPHQCNECGKSFISAHLIQHRRHT
 GEKPFRCCECGKSYNQRVHLTQHHRVHTGEKPYACHLCGKAFRVSRHLVQHQSVSRSRPFKNECGKGF
 GRRSHLAGHLRLHSRDKSHQCHECGEIFFQYVSLLEHQVLHVGGKSEKNGICEEAYSWNLTVIKDKLEL
 QEOPYQDSCGKAFSYSSDLIQHYRTHSAEKPKQCDACRDSTCQCPHIKQQKSCPSGKSHQCNECGRGF
 SLKSHLSQHQRHTGEKPLQCKECGMSFSWSCSLFKHLRSHERTDP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC060248

ORF Size: 2238 bp

OTI Disclaimer: 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](#)

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC060248](#), [AAH60248](#)

RefSeq Size: 3505 bp

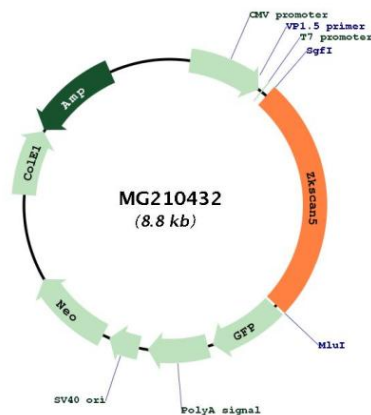
RefSeq ORF: 2240 bp

Locus ID: 22757

Cytogenetics: 5 G2

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210432