OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MG212458

Zscan18 (NM_001017955) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zscan18 (NM_001017955) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zscan18
Synonyms:	EG232875
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

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ORF Nucleotide Sequence:

>MG212458 representing NM_001017955
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGCCTTTGGAGAGGGTGTTAGCCTCTCCTAGAAGCTCTCCACCCCAACCAGAACCATCTACTCTGC
GGTCAAAAGATACAGTACAGCAGGAAGAACCTGGCCAGCAGGAGGAACCCATCCAGCAGGAAGGACTCAT
TAAGCAACAAGAACCTAGCCAGCAGGAGGAATGCAGGAGGCAGGATGAACTCATCCGGAAAGAAGAACCC
ATCCAGCTGCTGGAAACTAGTCAGAGGGAAGAACTCAGTGAGCAGCAAGAACCTAGTCAACAGGATGAGC
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TCTCAAGGGAAGCCCTACACATGCAGTGAATGTGGGGAGGCCTTTGCATGGATCTCCAACCTTATGGAGC
ATCACAAGAGTCATGGCAGTGAGACATGCTATGTGAGCCAGGGCTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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Protein Sequence:

>MG212458 representing NM_001017955
Red=Cloning site Green=Tags(s)

MLPLERVLASPRSSPPQPEPSTLRSKDTVQQEEPGQQEEPIQQEGLIKQQEPSQQEECRRQDELIRKEEP
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EPMQQEELMQQTEPIEQDKPIQQEELTQQEEPIQQDASIQRELIHQVRPIQKELILREEFIQQDKCTQKE
EFIQQEKPIQQVRFSEQEEPSQQEESSQQEESSQQEELSQQKESSQKAQPYQQEEPSQQQEPSQKDQPSQ
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NQQEEPSQKDQCKQQEEPSQKDQPNQQEEPSQLKETETITERSAADLEFSRLRFREFVYQEAAGPHQTLA
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CSPGGSSSSFSEGDYERCPEPLLLPCGLLSPNRNLRPRDILVRRDTSPLLPAWPTLESVHLDQERTEGEK
SKEANAATAELKGPLQSEWDHLDPTEDNLTSYSKLLLWGCQFSQAGPTSMLETEEPCAVENLPGGSLPDS
TRQQESKGNVCEEVSLGETLMESLSGDVPVSASIDTALEEEQQPQKALDAEGEDSSPASPQRQSVIQQSA
QDKDRPHQGTGTKRPHPDDEDEMAPECLSSTSSYQLPFDAGKVLHVDGHDSGQDSGTSAGGCSSADKSDA
SQGKPYTCSECGEAFAWISNLMEHHKSHGSETCYVSQGC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

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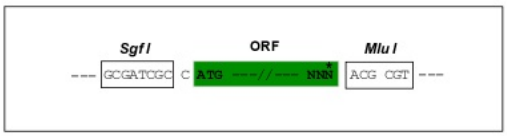
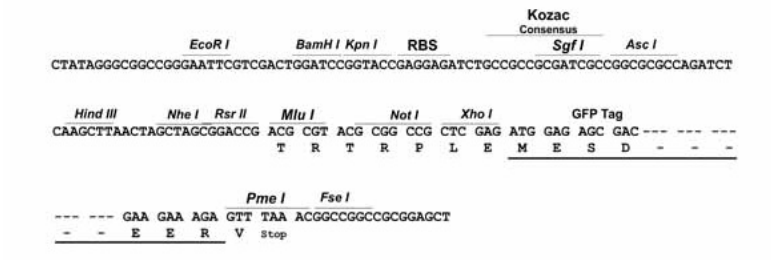
Cloning Scheme:





ACCN:	NM_001017955
ORF Size:	2427 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).

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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_001017955.3

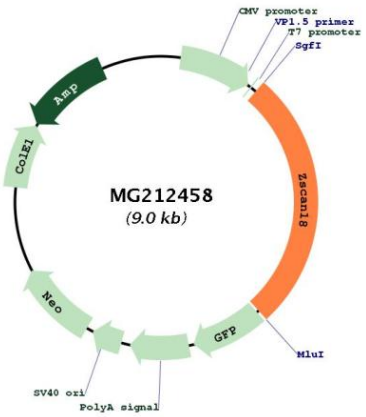
RefSeq Size: 3626 bp

RefSeq ORF: 2430 bp

Locus ID: 232875

Cytogenetics: 7

Product images:



Circular map for MG212458

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