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Product datasheet for MG204639

Zfp524 (NM_025324) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Zfp524
Synonyms:	0610012F07Rik; 2300009P13Rik; Znf524
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG204639 representing NM_025324
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACAACCCCAGCTCAGACCCGTTGCCTTCAACTTTGTCTGGGGAGGAAGAAAAACCTCTGGCCTTAC
TGCCTCCTGTTCCCCGGGGGCGCCGAGGCCGACCTCCAGGGGGAGCCACCACCTCCAATCGGACTCTCAA
GTCCTCCCTCCCTCGAAAGAGGGGCCGTCCCCCCAGATCAGAGCAGGAAACCCCGTTGACAGCACCAGTG
GACAGCGGTGGCAGCAGCGATCTTCTGTTGATCGATGATCAGGGTGTTCCTTATACAGTTCCTGAAGGGT
CAGCAGCAGATGGGCCCCAGGGCTCTGGTTCCAAGAGGGCTCCGCACTTCTGTCCCGTGTGCCTGAGAGC
CTTCCCCTACCTCTCTGACCTGGAGCGCCACAGCATCTCACACTCAGAATTGAAGCCACACGTGTGCAAA
GATTGCGGCAAGACCTTCAAACGGTCCAGCCACTTGCGGCGCCATTGTAACATCCATGCTGGCCTTAGGC
CCTTCCGTTGTGTGCTCTGCCCTCGCCGTTTCCGAGAGGCAGGGGAGCTCGCACATCACCACCGCATCCA
CTCTGGTGAGCGACCTTACCAATGTCCCTCATGTAGGGTGCGCTTCACCGAGGCCAATACTCTCCGGCGC
CATTACAAACGCAAACACCCAGAGCTTGTGGGGATGCCTGTGCGCCTGTGCCCCCCAAACCCAAGAACCC
AACCGCTGTGGGACGACGACGAGGGCATCCCTGTTCAAGAAGGGGTACAGGAGGAGAGTCCTGAAGGAAA
GGAGCCTACTTGGCCCATATCCTCCACCACTTCTCCCCTGTCTGGGTTTACAGCAGGGGGTTCAGCTGGT
GCTGGGCGCGGGCAAGAAGGCCAAGACACCCTTGTTTCTGGTGGTATTCCCACCATGGAAGGGGATCAAA
AGCAGGGACCTAAACCTCTGGGTCCTGGTGCCATTGGGCACCCTCCTGTGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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Protein Sequence:

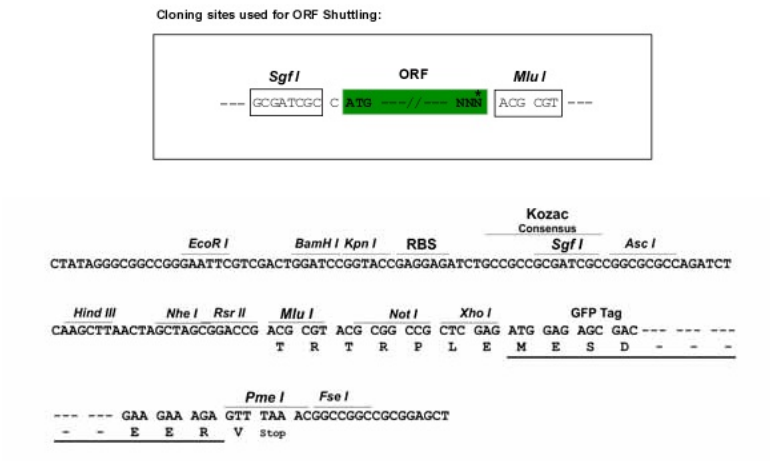
>MG204639 representing NM_025324
Red=Cloning site Green=Tags(s)

MDNPSSDPLPSTLSGEEEKPLALLPPVPRGRRGRPPGGATTSNRTLKSSLPRKRGRPPRSEQETPLTAPV
DSGGSSDLLLIDDQGVPYTVPEGSAADGPQGSGSKRAPHFCPVCLRAFPYLSDLERHSISHSELKPHVCK
DCGKTFKRSSHLRRHCNIHAGLRPFRCVLCPRRFREAGELAHHHRIHSGERPYQCPSCRVRFTEANTLRR
HYKRKHPELVGMPVRLCPPNPRTQPLWDDDEGIPVQEGVQEESPEGKEPTWPISSTTSPLSGFTAGGSAG
AGRGQEGQDTLVSGGIPTMEGDQKQGPKPLGPGAIGHPPVD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025324

ORF Size: 963 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.

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

RefSeq: NM_025324.2

RefSeq Size: 1107 bp

RefSeq ORF: 966 bp

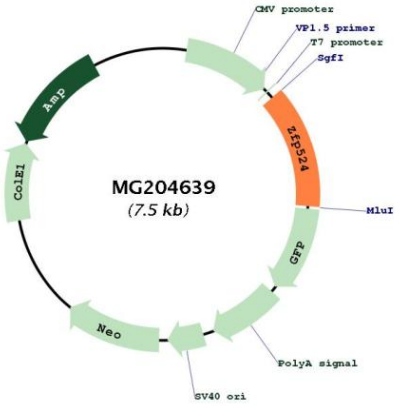
Locus ID: 66056

UniProt ID: Q9D0B1

Cytogenetics: 7 A1

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

Product images:



Circular map for MG204639

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