

Product datasheet for **RG234287**

ZNF623 (NM_001261843) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF623 (NM_001261843) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF623
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234287 representing NM_001261843
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTCCCCTCTCCCGAGTCTGAGGAAGTCCACGAGCCAGATTAGGGGAGCTCTTGGGAAATCCAG
 AAGGTCAGAGCCTGGGGAGTTCCCCCTCTCAGGACAGGGGCTGCAAGCAGGTGACAGTGACCCATTGGAA
 GATCCAGACAGGAGAGACAGCTCAAGTGTGCACCAAGTCAGGAAGAAACCATATTCTGAAGTCAGACCTT
 CTTCTGCTTCAGAGAGAGCTCATAGAGGGGGAAGCCAATCCTTGCATATCTGTGGCAAAACCTTCACGT
 TTAATTCGGACCTAGTTAGGCATCGGATTTGCGATGCTGGGGAGAAACCTTACACGTGCGATCAGTGTGG
 GAAAGGCTTTGGCCAGAGCTCACACCTTATGGAGCATCAGAGAATTACACTGGAGAGAGACTCTACGTC
 TGTAATGTGTGTGGAAAGACTTCATTCAGTCTCATTGAGCATCAGCGGTTTATTAGGACCCAGAG
 AAAAGCCCTTCAAATGTGCGCAGTGTGGGAAGGCGTTTTGTACAGTTCAGACCTGATTAGGACCCAGAG
 AGTTCACACCAGAGAGAGACCTTTGAATGCAAAGAGTGTGGGAAAGGCTTCAGTCAGAGCTCCTTACTT
 ATTCGCCATCAGAGGATTCACACGGGAGAAAGGCCCTATGAGTGAATGAATGTGGGAAATCCTTCATAA
 GGAGCTCGAGCCTCATTGCGCATTATCAGATCCACACAGAAGTGAACAGTATGAATGCAAGAATGTGG
 GAAGGCATTCCGTCATCGCTCAGACCTTATTGAACACCAGAGAATTCACACCGGAGAGAGACCTTTGAA
 TGCAATGAGTGTGGGAAAGCCTTTATTCGGAGTTCAAAGCTCATTGAGCATCAGAGGATCCATACTGGGG
 AGAGGCCTTACGTATGCAATGAGTGTGGGAAGCGCTTCAGCCAGACGTCAAACCTCACCCAGCATCAGAG
 AATTCACACTGGAGAGAACTCTATGAATGTAACGAGTGTGGGAAAGCTTTCTTCTGAGTTCATACCTT
 ATTCGACACCAGAAAAATCCACTGGAGAGAGAGTGTATGAATGTAAGGAATGTGGGAAAGCGTTTCTCC
 AGAAAGCCCATCTCACTGAGCACCAGAAGATCCACTCTGGGACAGGCCCTTCGAATGTAAGAGCATGTGG
 GAAAGCCTTCATCCAGAGCTCCAAGCTGCTTCTGCACCATGATTATTCACACTGGAGAAAAGCCCTATGTG
 TGCAGTTATTGTGGGAAAGGCTTTATTCAGAGGTCAAACCTTCCTTCAACACCAGAAAAATTCATACTGAAG
 AGAAGCTCTATGAATGTAGTCAGTATGGGAGAGATTTTAACTCAACTACAAACGTTAAAAATAATCAAAG
 GGTTACCAAGAGGGACTCTCCTTGAGTAAGGCCCCCATACATTTGGGTGAGAGGTCTGTAGATAAGGGG
 GAACACACAGGTAACCTTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

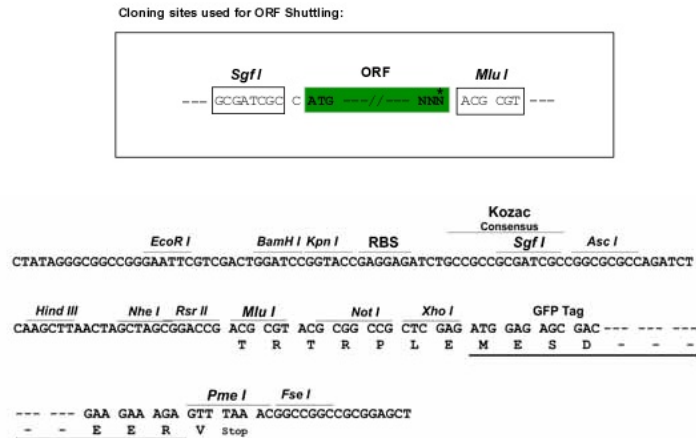
>RG234287 representing NM_001261843
 Red=Cloning site Green=Tags(s)

MELPSPESSEVHEPRLGELLGNPEGQSLGSSPSQDRGCKQVTVTHWKIQTGETAQVCTKSGRNHILNSDL
 LLLQRELIEGEANPCDICGKTFTFNSDLVRHRISHAGEKPYTCDQCGKFGQSSHLMHQRIHTGERLYV
 CNVCGKDFIHYSGLIEHQRVHSGEKPFCACQCGKAFCHSSDLIRHQRVHTRERPFECKEKGKFSQSLL
 IRHQRIHTGERPYECNECGKSFIRSSSLIRHYQIHTEVKQYECKEKGKAFRHRSDLIEHQRIHTGERPFE
 CNECGKAFIRSSKLIHQRIHTGERPYVCNECGKRFSTSNFTQHQRHTGEKLYECNECGKAFFLSSYL
 IRHQKIHTEGVECKEKGKAFQKAHLTEHQIHSGRDPFECKDCGKAFIQSSKLLHQIHTGEKPYV
 CSYCGKGFQRSNFLQHQKIHTEEKLYECSQYGRDFNSTNVKNNQRVHQEGLSLSKAPIHLGERSVDKG
 EHTGNL

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001261843

ORF Size: 1488 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.

RefSeq: [NM_001261843.2](#)

RefSeq Size: 3966 bp

RefSeq ORF: 1491 bp

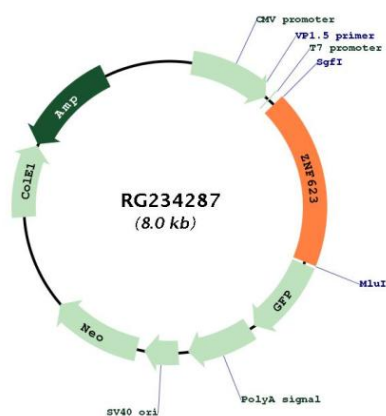
Locus ID: 9831

UniProt ID: [O75123](#)

Cytogenetics: 8q24.3

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

Product images:



Circular map for RG234287