

Product datasheet for **RG211579**

ZNF512B (NM_020713) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF512B (NM_020713) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF512B
Synonyms:	GM632
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG211579 representing NM_020713
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGATCCTTCTGCGTTGGAGGCCGTCGGCTCCCGGGTCCAGCAAGAGTGGTCCCGGAAGGATG
 GCAGCCGAAAGGAGGTCCGACTTCCAATGCTGCATGACCCACCGAAGATGGGGATGCCGGTGGTCCGTGG
 TGGACAGACAGTGCCCGGCCAGGCCCTCTCTGCTTTGACCCGGGAAGTCCAGCCAGTGACAAGACAGAA
 GGGAGAAAAAGGGCGGCCAAAAGCCGAGAACCAGGCCCTCCGAGACATTCTCTCTCCCTGATGAACG
 ACTGGAAGGATGAGTTCAAGGCACACTCGAGGGTGAAGTGTCAAACCTCAGGGTGTGGCTGGAGTTCCC
 CAGCATCTACGGGCTCAAGTACCATTACCAGCGGTGCCAAGGGGGTGCCATCTCAGATCGCTGGCTTC
 CCCTGCCCTTCTGCGAGGCCGATTACCTCTAAGACCCAGCTGGAGAAACACCGGATCTGGAACCACA
 TGGACCGACCCCTGCCTGCCTCCAAGCCTGGGCCCATCAGCAGGCCGGTACCATCAGCCGGCTGTTGG
 GGTGAGCAAGCCCATCGGAGTGAGCAACCTGTCACTATTGGCAACCTGTGGGTGTGAGCAAAACCAT
 GGCATCAGCAAGCCAGTCTCGGTCCGACAGCCATGCCAGTACCAAGGCCATCCCGGTCTAGGCCCG
 TGCCAGTCACCAACCTGTCAAGTCAGCAGGCCCATGCCGTACCAAGGCCATGCCGGTACCAAAACC
 CATCAGTCACCAAGTCTGTGCCGGTACCAAAACCCGTACCTGTACCAAAACCATACGGTAACAAAG
 CTTGTGACAGTTACGAAACCCGTGCCGGTACCAAGCCAGTGACAGTCAGCAGGCCCATTTGTGGTCAGCA
 AGCCGGTGACAGTCAGCAGGCCCATTTGCTATCAGCAGACACACCCGCCCTGCAAAATGGTGTGCTGAC
 CAGGTCCGAGAACAAAGCACCTCGTGCCACAGGGAGGAACAGTGGTAAGAAAAGGGCTGCCGACAGCCTG
 GACACCTGCCCAATTCCACCAAGCAGGCCAGGCCAGAGAATGGGAGTACGGCCCTCTCCATGGGCC
 AGAGCTCGGCCTTCCAGCTGAGTGACAGACACAGCAGTGGCTCCTGTGCCAGGCAGCAGGCCGTGAGG
 GGCATGGAGGCACTGAAGGCTGACAGGCCCTGCGTCCCCGCTGAGGAGGACCCGGAGCGCACAAAGCAC
 AGAAGGAAACAGAAACACCCAAAAAGTTACAGGGGAGCAGCCATCCATCTCAGGGACCTTTGGGCTCA
 AAGGCCTGGTCAAAGCTGAGGACAAGGCCCGAGTTCACCGCTCCAAGAAGCAGGAGGGGCCAGGCCCTGA
 GGACGCCCGGAAGAAGGTGCCAGTGCCTCCATCACTGTGACAGGAGGACCCGGCCCTGTGGCCAC
 CCAGCTCCAGGTGGCCTGAAGAGCAGTGGCAGAGGCCCATCCATGAGCGCGGGGAAGCCGTCTGCCCA
 CCTGCAACGTGGTCACCCGAAGACTCTCGTGGGGCTTAAGAAGCACATGGAGGTGTGTCAGAAGCTTCA
 GGATGCACTCAAGTGCCAGCACTGCCGGAAGCAGTTCAAGTCAAAGCCGGCTCAACTACCACACTATG
 GCCGAGCACAGTGCCAAGCCCTCTGACGCCGAGGCCTCCGAAGGGGGCGAGCAGGAGGAGCGCAGAGGC
 TGCGAAGGTGCTGAAGCAGATGGGACGGCTGCGCTGCCCCAGGAGGGTTGCGGGGCTGCCTTCTCCAG
 CCTCATGGGCTACCAGTACCACAGCGCGCTGCGGGAAGCCGCCCTGCGAGGTGACAGCCCTCCTTC
 CCCTGCACCCACTGTGGCAAGACGTACCGATCCAAGGCTGGCCACGACTACCACGTGCGCTCGGAGCACA
 CGGCCCCCCCCCTGAGGAGCCACAGACAAGTCCCCTGAGGCTGAGGACCCGCTGGGTGTGGAGCGGAC
 CCAAGCGGGCGTGTCCGCCGACGTCCGCCAGGTGGCGGTGTTCCACCTGCAGGAGATAGCGGAGGAC
 GAGCTGGCCCGGACTGGACCAAGCGCGCATGAAGGATGACCTTGTGCCGAGACCGCACGGCTCAACT
 ACACTCGACAGGGCTCCCCAGCTGAACCCACAGCTGCTAGAGGCATGGAAGAATGAAGTGAAGGAGAA
 AGGCCACGTCAACTGTCCAACGACTGCTGTGAAGCCATCTACTCCAGCGTGTCCGACTCAAGGCTCAT
 CTCGCCAGCTGCAGTAAGGGGGCCACCTGGCAGGGAAGTACCGCTGTCTGCTGTGTCCGAAGGAGTTCA
 GTTCTGAGAGTGGCGTCAATACCACATCTGAAGACCCACGAGAGAACTGGTCCGAACATCAGCAGA
 CCCACCTCCAAACACAGGAGCCAGGACTCATTGGTGCCCAAGAAGGAAAAGAAGAAAAATCTGGCAGGT
 GGAAAGAAGCGGGGCCGAAAGCCCAAGGAGCGGACCCAGAGGAGCCTGTGGCAAGCTGCCCCCGCGCC
 GGGACGACTGGCTCCAGGATGCAGAGACAAGGGGGCCCGGGCTCCACCGGCCGAAGGTGGGAGTCAG
 CAAGGCGCTGAAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG211579 representing NM_020713
Red=Cloning site Green=Tags(s)

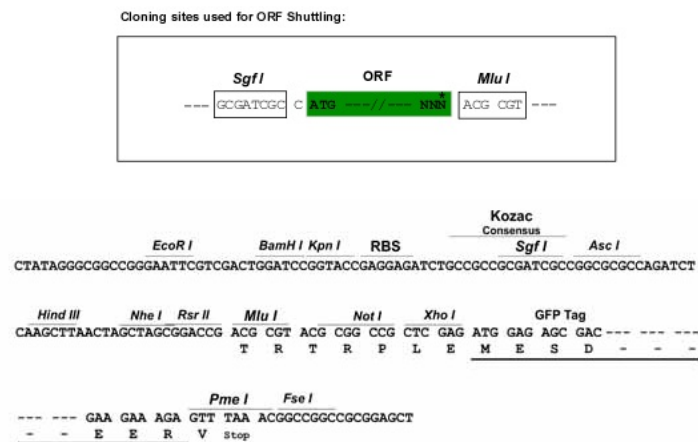
MTDPFCVGGRRLLPGSSKSGPGKDGSRKEVRLPMLHDPPKMGPVVRGGQTVPGQAPLCFDPGSPASDKTE
GKKKGPRKAENQALRDIPLSLMNDWKDEFKAHSRVKCPNSGCWLEFPSTIYGLKYHYQRCQGAISDRLAF
PCPFCEAAFTSKTQLEKHRIWNHMDRPLASKPGPISRPTISRPGVSKPIGVSKPVTIGKPVGVSKPI
GISKPVSVGRMPVTKAIPVTRPVPTKPVTVSRPMPVTKAMPVTKPITVTKSVPTKPVPTKPVTKPITVTK
LVTVTKPVPTKPVTVSRPIVVSVPVTVSRPIAISRHPTPPCKMVLTRSENKAPRATGRNSGKKRAADSL
DTCPIPPKQARPENGEYGPSSMGQSSAFQLSADTSSGSLSPGSRPSGMEALKAAGPASPEEDPERTKH
RRKQKTPKFTGEQPSISGTFLGLKGLVKAEDKARVHRSKKQEGPGPEDARKKVPAAPIVTSKEAPAPVAH
PAPGGPEEQWQRAIHERGEAVCPTCNVTRKTLVGLKKHMEVCQKLQDALKCQHCRKQFKSKAGLNYHTM
AEHSAKPSDAEASEGGEQEERERLRKVLKQMGRLRCPQEGCGAASSLMGYQYHQRRCGKPPCEVDSPSF
PCTHCGKTYRSKAGHDYHVRSEHTAPPEEPTDKSPEAEDPLGVERTPSGRVRRSAQVAVFHLQEIAED
ELARDWTKRRMKDDLVPETARLNYTRPGLPTLNPQLLEAWKNEVKEKGHVNCPCDCEAIYSSVSLKAH
LASCCKGAHLAGKYRCLLCPKEFSSESGVYHILKTHAENWFRTSADPPPKHRSQDSLVPKKEKKKNLAG
GKKRGRKPKERTPEEPVAKLPARRDDWPPGCRDKGARGSTGRKVGYSKAPEK

TRTRPLE - GFP Tag - V

Restriction Sites:

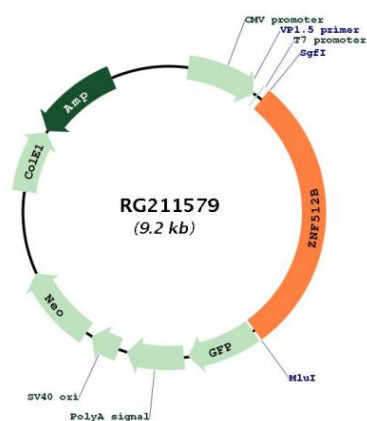
SgfI-MluI

Cloning Scheme:



ACCN:	NM_020713
ORF Size:	2676 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_020713.3
RefSeq Size:	5919 bp
RefSeq ORF:	2679 bp
Locus ID:	57473
UniProt ID:	Q96KM6
Cytogenetics:	20q13.33
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG211579