

Product datasheet for **RG220609**

TEX13B (NM_031273) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX13B (NM_031273) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TEX13B
Synonyms:	TGC3B; TSGA5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220609 representing NM_031273 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCTTGAGACCTGAGGACCCAGTAGTGGTTCGGCACGGAAACGTGGTGGCCTTCATCATCGAGA
AAATGGCCAGGCACACGAAAGGCCCGAGTTCTACTTCGAGAATATATCCTTATCCTGGGAGGAGGTGGA
AGACAAGCTCAGGGCCATCCTGGAGGACAGCGAGGTGCCAGCGAGGTCAAAGAGGCCTGCACCTGGGGC
AGCCTGGCCTTGGGTGTGCGCTTTCACAGGCAGGGGCAGTTACAAAACCGCAGGGTGCAGTGGCTGC
AAGGCTTTGCCAAACTGCACAGATCAGTGCCTGGTCTTGGCCTCAAACCTGACGGAACCAAGGAACA
GCAGGAGATGGAATGCAATGAGGCGACCTTCCAGTTGCAGCTAACCGAGACCAGCCTTGGGAGGTGCAG
AGAGAGCGGGACATGCTGAGATGGAAGCTTCCATGCCGAGCTGGCACCTCCCCAGGGACAGGGCCAGG
CTACAGTGTTCAGGCCTGGCCACTGCCGAGGGGATTGGACAGAAGGAGCAGGTGAGCAGGAAAAGGA
GGCGGTGGCTGCTGCTGGTGTGCTGGAGGAAAAGGAGAGGAGGTATGCAGAGGCAGGGCCTGCCCC
GCAGAGGTCTTGCAAGGGCTGGGAGGAGCTTCAGGCAGCCCCTCGGAGCTATTGTAGCAGGCAAATTAC
ACCTTTGCGGGCAGAGGGAGAAAGATCTCAGGTCACTACAAACAGCCATGTCTGTCTTCTCTGGGCTTG
GGTCCACAGTCTCACTGGAGCCTTTCCTGTCCAGCTCCCTACCTCATTACATACTCATACCCATGCC
TTTGTCCGCTTCTCAGCCATACCAATATACCCCTTACCAGCAAAGGTCACAGAACGGGTTCCAAC
CAGATGCCTTCAACTGGGGGCCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG220609 representing NM_031273
 Red=Cloning site Green=Tags(s)

MALRPEDPSSGFRHGNVAFIIEKMARHTKGPEFYFENISLSWEEVEDKLRRAILEDSEVPSEVKEACTWG
 SLALGVRFAHRQQQLQNRVQWLQGF AKLHRS AALV LASNL TELKEQQEMECNEATFQLQLTETSLAEVQ
 RERDMLRWKLFHAELAPPQGGQATVFPGLATAGGDWTEGAGEQEKEA VAAAGAAGGKGEERYAEAGPAP
 AEVLQGLGGGFRQPLGAI VAGKLHL CGAEGERSQVSTNSHVCLLWAWVHSLTGASSCPAPYL IHI LIPMP
 FVRLLSHTQYTPFTSKGHRTGSNSDAFQLGGL

TRTRPLE - GFP Tag - V

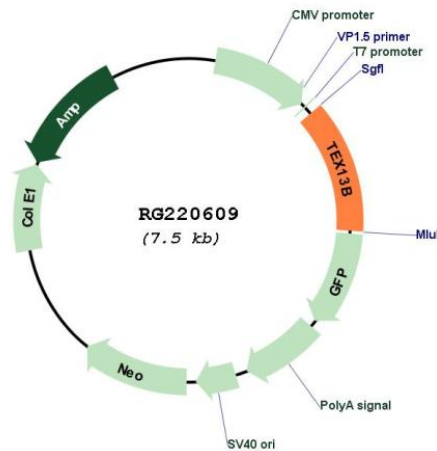
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_031273

ORF Size: 936 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:	<ol style="list-style-type: none">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_031273.2 , NP_112563.1
RefSeq Size:	1247 bp
RefSeq ORF:	939 bp
Locus ID:	56156
UniProt ID:	Q9BXU2
Cytogenetics:	Xq22.3
Gene Summary:	This gene is similar to a mouse gene that is expressed in the testis. [provided by RefSeq, Jul 2008]