

Product datasheet for **RG219923**

FOXD4L2 (FOXD4L4) (NM_199244) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXD4L2 (FOXD4L4) (NM_199244) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FOXD4L4
Synonyms:	bA460E7.2; FOXD4b; FOXD4L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219923 representing NM_199244 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCTGCCAAGAGCTGAGCGCCCTCGCTCCACACCGCAGCGCAGCCTCCGGGACTCCGATGGGGAAG
ACGGTAAAATCGATGTCTGGGAGAGGAGGAAGATGAAGACGAGGTGGAAGACGAGGAGGAGGAGGCGAG
ACAGCAGTTCTAGAGCAGTCGCTCCAGCCGGGCTGCAGGTGGCCCGTGGGGCGGGTTCGCTTCCC
CGAGAGCACATCGAGGGCGCGCGGCCGAGTGACCTTCAGAGTTTGGCACCAAGTTCAGGGCACCGC
CAAGGTCTGCGGGCCCTCTGAAGATGCCCGCAGCCGCAAGCCCCCTACTCGTACATCGCGCTCAT
CACCATGGCCATCCTGCAAAACCCGCACAAGCGCCTCACGCTCAGCGGCATCTGCGCCTTATTAGTGGC
CGTTCACATACTACCGCCGAAGTTCCCCGCCTGGCAGAACAGCATCCGCCACAACCTCTCGTGAACG
ACTGCTTCGTTAAGATCCCCCGGAGCCGGGCCACCCAGGCAAGGGCAACTACTGGAGCCTGGACCCCGC
CTCCCAGGACATGTTGACAATGGCAGCTTTCTCCGGCGTAGGAAGCGTTTCAAGCGCCACCAACTGACC
CCGGGAGCCACCTGCCCAACCCCTTCCCTCTACCTGTGCACACGCCGCCCTGCACAACCCCCACCCAG
GCCCTCTGCTTGGGGCCCTGCCCGCCGAGCCAGTCCCGGGGCTACCCCAACACCGCCCCCGGGAG
ACGCCCTTACGCTCTGCTGCACCCGATCCTCTCGCTACCTACTGCTCTCGGCCCGCTATGCCGGG
GCACCGAAGAAAGCAGAAGGCGCGGACCTGGCGACCCCGCACCCTTCCCGTGTGCAGCCCTCACTTGG
TCCTCAGCCTTGGGAGGAGGGCAAGGGTCTGGCGTCGCCACCGGAGGCGGATGCTTCTTTAGCATT
GAGAGTATTATGAAGGGTCAAGGGTCAAGGGGAGCGGTACAGGGGCTGCCGAGAGTTTGTCCCGACCGGTGGA
GCTACTGCCACCTGCTCCAGCGACCATCAAGCCTGTTGCATCCCCAAACCGCTGCCCTTTGCTGCAAGT
GTCCGCCCGCTGCTGCTCGGACAATTTGCAGCAATAGCAGCAGCATCAGGAGGACTGCGCAACGGC
TGCGCTCCACCAAGGGCGCGGTGCTGGCGGGCACCTGTCCGCTCGTCCGGCGCTGC

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG219923 representing NM_199244
 Red=Cloning site Green=Tags(s)

MNLPR AERPRSTPQRSLRDSGEGDKIDVLGEEDEDEVEDEEEEARQQFLEQSLQPLQVARWGGVALP
 REHIEGGGGSDPSEFGTKFRAPPRSAASEDARQPAKPPYSYIALITMAILQNP HKRLTLSGICAFISG
 RFPYYRRKFP AWQNSIRHNL SLNDCFVKIPREPGHPGKGNYSWLDPASQDMFDNGSFLRRRKRFRHQLT
 P GAHLPHFPFLPAAHAALHNHPHPGPLL GAPAPPQVPVPGAYPNTAPGRRPYALLHPHPLRYLLL SARVYAG
 APKKAEGADLATPAPFCCSPHLVLSLGRRARVWRRHREADASLSALRVLCKGSGERVQGLRRVCP RPRG
 ATATCSSDHQACCIPKPLPLCCKCPPLLLLGQFCSSSSIRRTAPTAALPPRARCWAGTCRPRRC

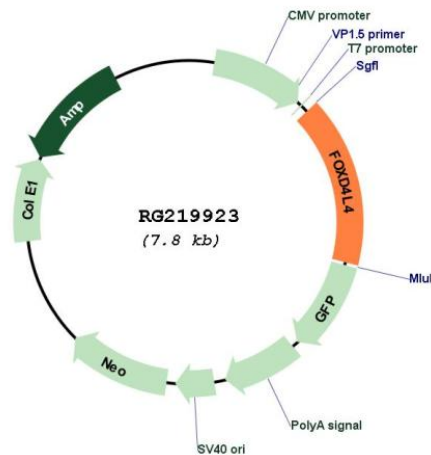
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_199244

ORF Size:	1248 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_199244.3 , NP_954714.2
RefSeq Size:	3109 bp
RefSeq ORF:	1251 bp
Locus ID:	349334
UniProt ID:	Q8WXT5
Cytogenetics:	9q21.11