

Product datasheet for **RG238278**

ZNF3 (NM_001278284) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF3 (NM_001278284) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF3
Synonyms:	A8-51; HF.12; KOX25; PP838; Zfp113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238278 representing NM_001278284. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAACCTCAGGCTGATCTCGTATCTCAGGAACCTCAGGCCCTGCTTGACAGTGTCTTCTTCAAAA
GTTCTGCCTTTCCGACAAGGACAGCCTGGGGGATGAGATGTTGGCGCTGCGCTCCTAAAGGCCAAG
TCCAGGAGCTGGTAACCTTTGAGGATGTAGTGTGTACTTCATCCGGAAGGAGTGAAGCGTTGGAA
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TCCAACCTTATCTCACATCAGAGACTCCCGTGGGAGACAGACCCATAAGTGTGATGAATGTAGCAAG
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CAGAGAATTCACACTGGAGAGAAGCCTTTGAATGGGATCGGCATGAGCAAAGCTCCCTCAGAGTTACG
ACCGAGTTAAATATCAGAGAGTCCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238278
 Blue=ORF Red=Cloning site Green=Tag(s)

METQADLVSQEPQALLDSALPSKVPAFSDKDSLGDMLAAALLKAKSQELVTFEDVAVYFIRKEWKRL
 PAQRDLYRDVMLENYGNVFLDRETRTENDQEISEDTRSHGVLGRFQKDISQGLKFKEAYEREVSLKR
 PLGNSPGERLNRKMPDFGQVTVEEKLTPRGERSEKYNDFGNSFTVNSLIHQRLPVGDRPHKCDECSK
 SFNRTSDLIHQRIHTGEKPYECNECGKAFSQSSHLIQHQRIHTGEKPYECSDCGKTFSCSSALILHRR
 IHTGEKPYECNECGKTFWSSTLTHHQRIHTGEKPYACNECGKAFSRSSTLIHQRIHTGEKPYECNEC
 GKAFSQSSHLIQHQRIHTGEKPYECMECGKFTYSSGLIQHQRIHTGENPYECSECGKAFRYSSALVRH
 QRIHTGEKPLNGIGMSKSSLRVTELNIREST
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278284

ORF Size: 1338 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).

RefSeq: [NM_001278284.2](#)

RefSeq Size: 2975 bp

RefSeq ORF: 1341 bp

Locus ID: 7551

UniProt ID: [P17036](#)

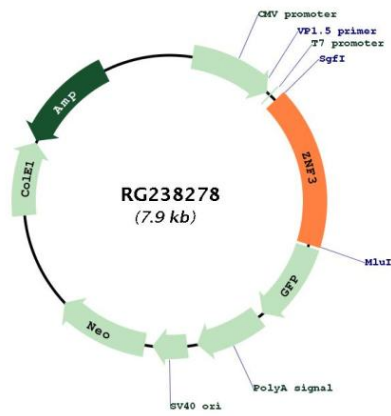
Cytogenetics: 7q22.1

Protein Families: Transcription Factors

MW: 50.9 kDa

Gene Summary: Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238278