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Product datasheet for RG208005

ZNF280C (NM_017666) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF280C (NM_017666) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF280C
Synonyms:	SUHW3; ZNF633; ZPET
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

ORF Nucleotide Sequence:

>RG208005 representing NM_017666
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGACGACAAACCTTTTCAACCAAAAAACATTTCAAAAATGGCAGAACTCTTTATGGAATGTGAAG
AAGAAGAGCTAGAGCCATGGCAGAAGAAAGTAGAAGAAACTCAGGATGAGGATGACGATGAACTGATCTT
TGTTGGAGAGATATCAAGTTCAAAACCAGCCATTTCAAATATTTTGAACAGAGGCCACTCCAGCTCATCT
TCAAAAGGAATAAAGAGTGAGCCACACAGTCCAGGTATTCCTGAAATATTCAGGACTGCAAGTCAACGCT
GCAGAGACCCACCATCAAATCCAGTGGCTGCCTCGCCTAGATTTCATCTTGTATCTAAATCTTCACAAAG
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ATTACCTAAGAGCTTGTCCAAAGTGCAATGTTCAGTTCAATCTTTTGGATCCTTTGAAATACCACATGAA
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GACAAGACTGATTCAGAGACAGGAAAGTTGATCATGTTAGTCAATGAGTTTTATTATGGAAGGCATGAAG
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AACCACACCACCTGCCAGCACTGTTACCGGCAATATCCCACACCCTTCCAACTGCAGTGCCACATTGAGA
GTACACACACTCCCCATGAGTTTTCTACTATTTGCAAAATCTGTGAATTATCATTTGAAACAGAGCATAT
TCTTTTACAACATATGAAGGACACCCATAAACCTGGTGAAATGCCATATGTTTGCCAGGTTTGCCAGTTT
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CTTCACTTGGACCTCTCCAGTCAAAATTACCAACTGCACCTTTCGGTTGCGCTCCAGGCACTTCTTTTCT
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TAGCTAAGTCCAAAGCAAAACCCTCTTACAAGCAAAAGCGACAGCGCAACAGAAAAAATAAAATGAGCCT
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AGGAACTCTCAGGGGCATTACTCTAGTGTGCCTTAAATGTGATTTCCTAGCTGATTCTTCCGGCTTAGAT
CGTATGGCTAAACACTTAAGTCAACGTAAAACTCATACTTGCCAAGTTATAATAGAGAATGTTTCCAAAA
GTACCTCAACTTCTGAACCCACTACTGGCTGCTCATTGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

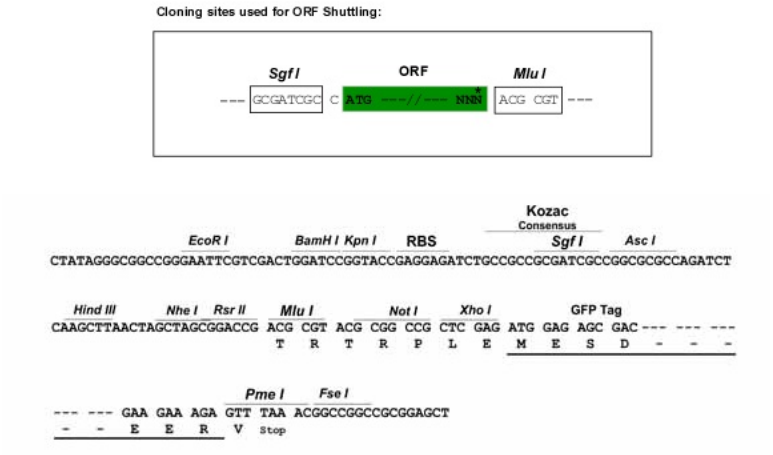
>RG208005 representing NM_017666
Red=Cloning site Green=Tags(s)

MDDDKPFQPKNISKMAELFMECEEEELEPWQKKVEETQDEDDDELIFVGEISSSKPAISNILNRGHSSSS
SKGIKSEPHSPGIPEIFRTASQRCRDPPSNPVAASPRFHLVSKSSQSSVTVENASKPDFTKNSQVGSDNS
SILLFDSTQESLPPSQDIPAIFREGMKNTSYVLKHPSTSKVNSVTPKKPKTSEDVPQINPSTSLPLIGSP
PVTSSQVMLSKGTNTSSPYDAGADYLRACPKCNVQFNLLDPLKYHMKHCCPDMITKFLGVIVKSERPCDE
DKTDSETGKLIMLVNEFYYGRHEGVTEKEPKTYTTFKCFSCSKVLKNNIRFMNHMKHHLELEKQNNESWE
NHTTCQHCYRQYPTPFQLQCHIESTHTPHEFSTICKICELSFETEHILLQHMKDTHKPGEMPYVCQVCQF
RSSTFSDVEAHFRAAHENTKNLLCPFCLKVSKMATPYMNHYMKHQKKGVHRCPKCRLQFLTSKEKAEHKA
QHRTFIKPKELEGLPPGAKVTIRASLGPLQSKLPTAPFGCAPGTSFLQVTPPTSQNTTARNPRKSNASRS
KTSKLHATTSTASKVNTSKPRGRIAKSKAKPSYKQKRQRNRKNKMSLALKNIRCRRGIHKCIECHSKIKD
FASHFSIYIHCSFCKYNTNCNKAFVNHMMSSHSNHPGKRFCIFKKHSGTLRGITLVCLKCDFLADSSGLD
RMAKHLSQRKTHTCQVIIENVSKSTSTSEPTTGCSLK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017666

ORF Size: 2211 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_017666.2, NP_060136.1

RefSeq Size: 4716 bp

RefSeq ORF: 2214 bp

Locus ID: 55609

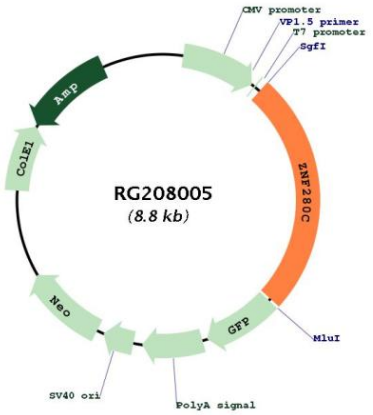
UniProt ID: Q8ND82

Cytogenetics: Xq26.1

Domains: zf-C2H2

Gene Summary: This gene encodes a member of the zinc finger domain-containing protein family. This family member contains multiple Cys2-His2(C2H2)-type zinc finger domains, the most common type of zinc finger domain that self-folds to form a beta-beta-alpha structure that binds a zinc ion. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RG208005