

Product datasheet for **RG207408**

INO80C (NM_194281) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: INO80C (NM_194281) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: INO80C
Synonyms: C18orf37; hles6; IES6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG207408 representing NM_194281
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGCAAATTCGAATTGTGGCCACCACTTCCACTCCCGGAATAGTCCGGAACAGCAAGAAGAGGC
 CGGCCAGCCCTCCACAATGGCAGCAGCGGGGGCTATGGCGCCAGTAAAGAAGAAAAAGCGTCCGC
 TTCCAGCTTTCGCGAGGGTATCAGCATGGAAGCCATGAGTGAGAATAAAATGGTGCCTCTGAGTTAGC
 ACAGGACCTGTGGAAAAAGCTGCCAAACCTTTGCCATTTAAGGATCCCACTTTGTGCCTCTGGCCAGC
 GTGGCGCAGTAGCTGGCAAGAAGAACAGAACCTGGAAGAACCTGAAACAAATCCTCGCTTCTGAAAGGGC
 ATTGCCGTGGCAACTGAACGATCCTAACTACTTCAAGTATTGATGCTCCTCCATCCTTTAAGCCAGCTAAG
 AAGTATTCTGATGTTTCAGGTCTGCTTGCCAACTACACAGACCCCGAGCAAACTGCGGTTTCAGACCA
 TTGAAGAGTTTTCTACATTCGGAGGCTGCCCTCTGACGTCGTCACCGGCTACCTGGCCCTGAGGAAGGC
 CACGAGCATCGTTCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG207408 representing NM_194281
 Red=Cloning site Green=Tags(s)

MAAQIPIVATTSTPGIVRNSKKRPASPSHNGSSGGYGASKKKKASASSFAQGISMEAMSENKMVPSEFS
 TGPVEKAAKPLPFKDPNFVHSGHGGAVAGKKNRTWKNLKQILASERALPWQLNDPNYFSIDAPPSFKPAK
 KYSDVSGLLANYTDPQSKLRFSTIEEFSYIRRLPSDVVTGYLALRKATSIVP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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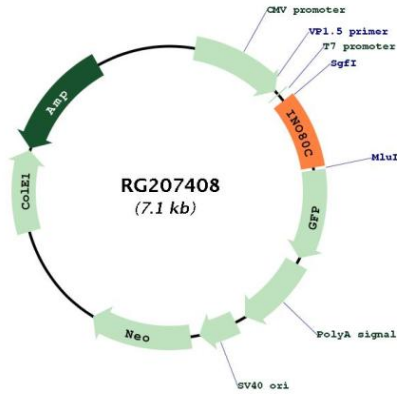
Cloning Scheme:


ACCN:	NM_194281
ORF Size:	576 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_194281.4
RefSeq Size:	1005 bp
RefSeq ORF:	579 bp
Locus ID:	125476
UniProt ID:	Q6PI98
Cytogenetics:	18q12.2

Gene Summary:

Proposed core component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207408