

Product datasheet for **RG226743**

C20orf173 (NM_001145350) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	C20orf173
Synonyms:	dJ47704.4
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG226743 representing NM_001145350
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGCGCTGGCAGATTTTTGTCCTGTGGGTCTTTGGGTGCTCATCCTCTGGCTGATGACCCCTATC
TGGATCTGACACCTGAATCAGACACCCAGGAAAAACGAATGTAATTGGTACCACAGCATTGCGACTGCC
TTGGTTCAGTTCGGGAAGTGTGGCTGCCCTTCTGAGACCTCAACTGCTCCTCTGCCACACACAGCC
GACGAATGGAAGTGGCTTGATGCGTGCTCCAGGAAGACTATGGGTACCTGATGAGGACAAGAGAGTCTA
TGACCTCTGACACTGTGCTCTGGTGGTGGGCATGAACCTCAGGGAGCGAGCTTGGGAAATTGTGGAGGAA
GCTGTTAAAGGGATTCCAGGCTCTCGGTGAGCCATTTGATTTCTATTGTGGGACTTGTGTGCTGTTG
GGGCGCCACAGATCCCGCAGGGCTCCAGCCTTGGCAACGACATCGACCAATACCCCGTGGTTTTAGGA
ATGCCAGCGACAGGGCTCCTGGATGCAGCTGGAGATGCTACTGCGGAAGCTCTTGACCTGGTGTGGAC
TTCAGATGCTCTAAGTGATAAGATTTGGAAGATGGTCTGGTCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG226743 representing NM_001145350
Red=Cloning site Green=Tags(s)

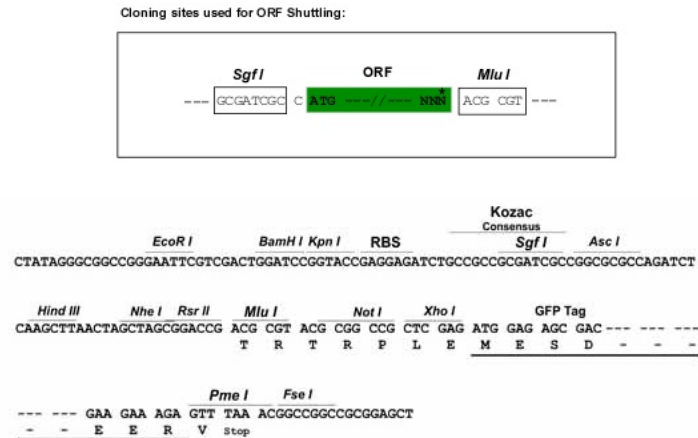
MKRWQIFVLWVFWLILWLMTPYLDLTPESAPQEKRMYLVPQHCDPCWFSGKCGCPSETLNCSSCHHTA
DEWNWLDACSRKTMGYLMRTRESMTSDTVLWWLGMNSGSELGKLWRKLFKGIPLSVSHFDYCGTCCVLL
GRPQIPQGSLLGNDIDQYPVVFNRNASDQGSWMQLEMLLRKLSDLVWTSDALSDKILEDGLVP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN:	NM_001145350
ORF Size:	606 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001145350.2
RefSeq Size:	1059 bp

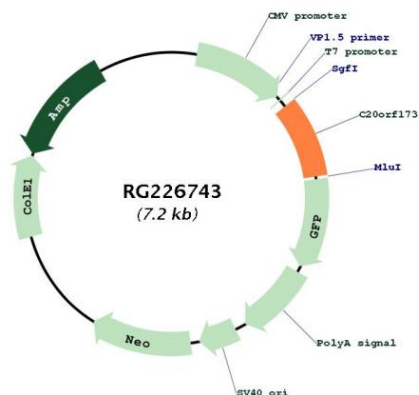
RefSeq ORF: 609 bp

Locus ID: 140873

UniProt ID: [Q96LM9](#)

Cytogenetics: 20q11.22

Product images:



Circular map for RG226743