

Product datasheet for **RG207843**

C11ORF77 (HARBI1) (NM_173811) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11ORF77 (HARBI1) (NM_173811) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C11ORF77
Synonyms:	C11orf77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207843 representing NM_173811 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTATACCAATAACAGTGCTTGACTGTGACCTCTTGCTATATGGCCGTGGTCACCGGACATTGGACC
 GTTTTAAGCTGGATGATGTGACTGATGAATACTTGATGTCCATGTATGGGTTCCACGGCAGTTCATTTA
 TTACTTGGTGGAGCTCTGGGGGCGAATCTTTCTAGGCCCTACTCAGCGATCCAGGGCTATTAGCCCAGAG
 ACACAGGTCCTTGACGATTGGGTTTTTATACCTCAGGTTCTTCCAGACTCGGATGGGAGATGCCATTG
 GAATCAGTCAGGCGTCTATGAGTCGTTGTGTGCCAATGTCACTGAAGCACTTGTGGAAAGGGCCTCACA
 GTTCATTTCGCTTTCCAGCTGATGAAGCCTCCATTCAGGCTCTGAAGGATGAATTCATGGGTTGGCAGGG
 ATGCCAGGGGTGATGGGGTGGTTGACTGTATCCATGTGGCCATCAAGGCACCAATGCTGAAGACCTCT
 CCTATGTGAACCGAAAAGGCCTGCATTCTTTAACTGCCTGATGGTGTGTGACATTAGAGGGACACTAAT
 GACCGTGGAGACAACTGGCCCGGCAGCCTACAGGACTGTGCTGTGCTGCAGCAGTCTTCCCTCAGTAGT
 CAGTTTGAAGCGGGTATGCACAAAGATAGCTGGCTTCTGGGTGACAGTTCCTTCTTTCTTCGAACCTGGC
 TCATGACCCCACTTCACATTCTGAACTCCAGCAGAATATCGCTATAACATGGCCCATCTGCAACTCA
 CAGTGTGATTGAGAAGACTTTCCGAACCTCTGCTCCGATTCCGCTGCCTGGATGGATCCAAGGGGGCA
 CTGCAGTACTCACCAGAGAAATCCAGCCATATCATCTTGGCCTGTTGTGCTCTCCACAACATCTCCCTGG
 AGCATGGGATGGATGTTTGGTCTCTCCAATGACAGGACCATGGAACAGCCCCCGGAAGAGGAGTATGA
 GCACATGGAGTCCCTGGACTTAGAGGCTGACCGTATTCGTCAGGAGCTAATGCTCACTCATTTTAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

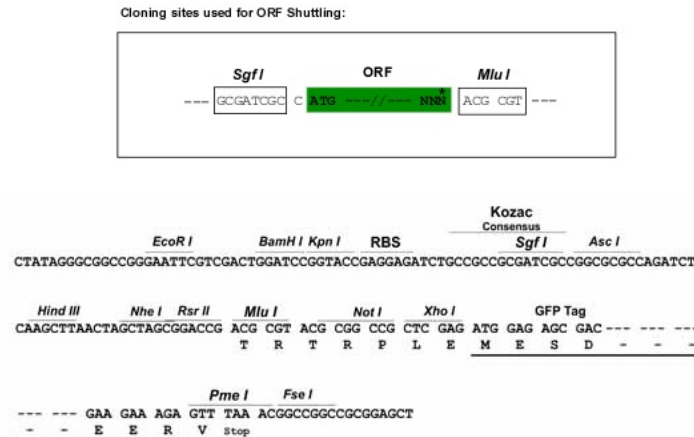
Protein Sequence: >RG207843 representing NM_173811
 Red=Cloning site Green=Tags(s)

MAIPITVLDCDLLLYGRGHRTLDRFKLDDVTDEYLSMYGFPRQFIYYLVELLGANLSRPTQRSRAISPE
 TQVLAALGFYTSFSFQTRMGDAIGISQASMSRCVANVTEALVERASQFIRFPADEASIQALKDEFYGLAG
 MPGVMGVVDCIHVAIKAPNAEDLSYVNRKGLHSLNCLMVCDIRGLMTVETNWPGLQDCAVLQQSSLSS
 QFEAGMHKDSWLLGDSSFFLRTWLMTPHIPETPAEYRYNMAHSATHSVIEKTFRTLCSRFRLDGSKGA
 LQYSPEKSSHIILACCVLHNISLEHGMDVWSSPMTGPMEQPPEEEYEHMESLDLEADRIRQELMLTHFS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173811

ORF Size: 1047 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_173811.4](#)

RefSeq Size: 1966 bp

RefSeq ORF: 1050 bp

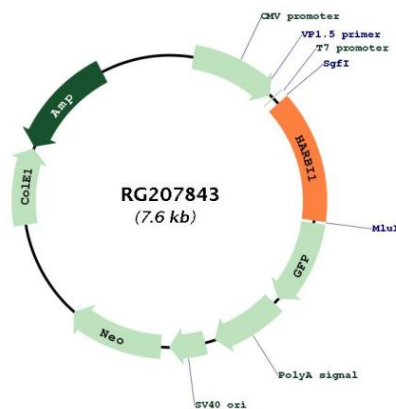
Locus ID: 283254

UniProt ID: [Q96MB7](#)

Cytogenetics: 11p11.2

Gene Summary: Transposase-derived protein that may have nuclease activity (Potential). Does not have transposase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207843