

Product datasheet for **RG200877**

C8orf30A (HGH1) (NM_016458) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C8orf30A (HGH1) (NM_016458) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C8orf30A
Synonyms: BRP16; BRP16L; C8orf30A; C8orf30B; FAM203A; FAM203B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200877 representing NM_016458
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGAGGCCGGGCTGGCGCTGGCGCCTCGGGAGGGCCGGAGGCAAGCCGGAGGCAGAGGTGGTGA
 AGCTGCTGCCCTTCTGGCGCCGGGCGCGGGCGGACCTGCAGGCGGCGCGGTGCGGCACGTGCTGGC
 GCTGACTGGCTGCGGACCCGGCCGCGCTGTTGGCGGGCAGGCGGCGTGTGCAGGCGCTGATGGAG
 CTGGCGCCGGCCTCTGCCCGGCCGGGACGCCCGCCGCGCTCGTGAACCTGGCCGCCAGCCCGGCC
 TGCACGAGACATTGCTGGCGGCCACCCGGGCTGCCAGCGCCTGATGGCCGCGCTTGGACCCGCA
 GTGGCCCTGGGCCGAGGAGGCGGCCGCCGCTAGCCAACCTCAGTCGCGAGCCGCGCGGTGTGCAGCG
 CTCATGGCGCGCTGGCGCCGGAGCCGGCAGACTCGGGCCTGGAGCGGCTGGTGCGCCGCTGTGCA
 CGCCCGGCTACAACGCCCGCGCCCTGCACTACCTAGCGCCGCTGCTCTCAAACCTCAGCCAACGCC
 TGCGGCGCGGCCCTTCTACTGGACCCGACAGGTGCGTGGTCCAGCGGCTGCTGCCCTTACCCAGTAC
 CCCGACTCCTCTGTACGAGGGGCGGGTGGTGGGACGCTGCGGAATTGCTGCTTCGAGCACCGACATC
 ACGAGTGGTTGCTGGACCTGAGGTGGACATTCTCCCTTTTGTCTCCTGCCCTGGCTGGGCTGAGGA
 TTTCTCCGAGGAAGAGATGGAACGGCTGCCTGTGACATGCAGTACCTGCCACCAGACAAGCAGCGAGAA
 CCTGATGCAGACATCCGAAGATGCTTGTGAAGCCATCATGCTGCTGACAGCCACAGCACCAGGTCGGC
 AGCAGGTGCGGGACCAGGAGCCTACCTGATCCTTCGAGAGCTGCACAGCTGGGAGCCGGAGCCCGACGT
 GCGGACGCTTGTGAGAAGCTCATCCAGGTGCTTATTGGGACGAGCCTGAACGTGGCATGAAAACTG
 CTGGAGGTGCAGGTGCTGAGGATGTGGAGCAGCAGCTGCAGCAGCTGGATTGCAGGGAGCAGGAGCAGT
 TGGAGCGGAGCTGGCCCGAGGCCATGGGTGGAGAGGGCCACCCACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG200877 representing NM_016458
 Red=Cloning site Green=Tags(s)

MGEAGAGAGASGGPEASPEAEVVKLLPFLAPGARADLQAAAVRHVLALTGCGPGRALLAGQAALLQALME
 LAPASAPARDAARALVNLAADPGLHETLLAADPGLPARLMGRALDPQWPAAEAAAAALANLSREPAPCAA
 LMAALAAAEPADSLERLVRALCTPGYNARAPLHYLAPLLSNLSQRPAARAFLLDPDRCVVQRLPLTQY
 PDSVRRGGVVGTLRNCCFEHRHHEWLLGPEVDILPFLLLPLAGPEDFSEEMERLPVDLQYLPPDKQRE
 PDADIRKMLVEAIMLLTATAPGRQQVRDQAYLILRELHSWEPEPDVRTACEKLIQVLIQVIGDEPERGMENL
 LEVQVPEDVEQLQLDCREQEQLERELAPEPWVERATPT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016458

ORF Size: 1170 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_016458.4](#)

RefSeq Size: 2441 bp

RefSeq ORF: 1173 bp

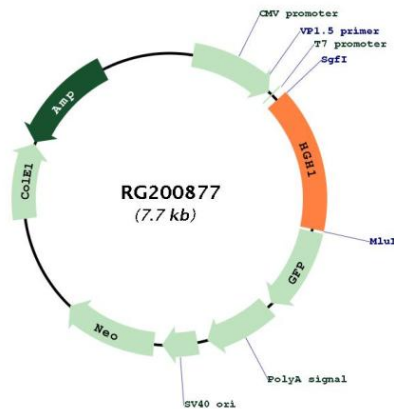
Locus ID: 51236

UniProt ID: [Q9BTY7](#)

Cytogenetics: 8q24.3

Domains: DUF383, DUF384

Product images:



Circular map for RG200877