

Product datasheet for **RG200832**

HAGHL (NM_032304) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAGHL (NM_032304) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HAGHL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200832 representing NM_032304 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGTCAAGGTCATCCCCGTGCTCGAGGACAACACTACATGTACCTGGTCATCGAGGAGCTCACGCGCG
AGGCGGTGGCCGTGGACGTGGCTGTGCCAAGAGGCTGCTGGAGATCGTGGGCCGGGAGGGGGTGTCTCT
GACCGCTGTGCTGACCACCCACCATCACTGGGACCACGCGCGGGAAACCCGGAGCTGGCGCGGCTTCGT
CCCGGGCTGGCGGTGCTGGGCGCGGACGAGCGCATCTTCTCGCTGACGCGCAGGCTGGCGCACGGCGAGG
AGCTGCGGTTTCGGGGCCATCCACGTGCGTTGCCCTCCTGACGCCCGGCCACACCCCGGCCACATGAGCTA
CTTCTGTGGGAGGACGATTGCCCGGACCCACCCGCCCTGTTCTCGGGCGACGCGCTGTCGGTGGCCGGC
TGCGGCTCGTGCCTGGAGGGCAGCGCCAGCAGATGTACCAGAGCCTGGCCGAGCTGGGTACCCTGCCCC
CCGAGACGAAGGTGTTCTGCGGCCACGAGCACAGCCTTAGCAACCTGGAGTTTGCCAGAAAGTGGAGCC
CTGCAACGACCACGTGAGAGCCAAGCTGTCCTGGGCTAAGAAGAGGGATGAGGATGACGTGCCACTGTG
CCGTCGACTCTGGGCGAGGAGCGCCTCTACAACCCCTTCTGCGGGTGGCAGAGGAGCCGGTGGCAAGT
TCACGGGCAAGGCGGTCCCCGCCGACGTCCTGGAGGCGCTATGCAAGGAGCGGGCGCTTCGAACAGGC
GGGCGAGCCGCGGACGCCACAGGCGGGCCCTCCTTGCCTGACGTGGGGCTCCTGAGTGCAGCCCCA
CACGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200832 representing NM_032304
 Red=Cloning site Green=Tags(s)

MKVKVIPVLEDNYMYLVIEELTREAVAVDVAVPKRLLLEIVGREGVSLTAVLTTHHHWDHARGNPELARLR
 PGLAVLGADERIFSLTRRLAHGEELRFGAIHVRCLLTPGHTAGHMSYFLWEDDCPDPALFSGDALSVAG
 CGSCLGSAQQMYQSLAELGTLPPETKVF CGHEHTLSNLEFAQKVEPCNDHVRAKLSWAKKRDEDDVPTV
 PSTLGEERLYNPFLRVAEEPVRKFTGKAVPADVLEALCKERARFEQAGEPRQPQARALLALQWGLLSAAP
 HD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032304

ORF Size: 846 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_032304.4](#)

RefSeq Size: 1379 bp

RefSeq ORF: 849 bp

Locus ID: 84264

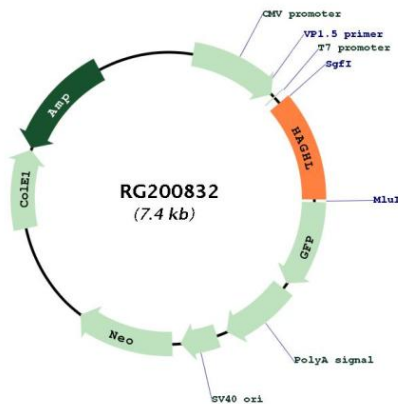
UniProt ID: [Q6PII5](#)

Cytogenetics: 16p13.3

Protein Pathways: Pyruvate metabolism

Gene Summary: Hydrolase acting on ester bonds.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG200832