

Product datasheet for **RG207447**

HAGHL (NM_207112) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAGHL (NM_207112) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HAGHL
Synonyms:	GLO2-like/ RJD12; hydroxyacylglutathione hydrolase-like; MGC2605
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207447 representing NM_207112 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGTCAAGGTCATCCCCGTGCTCGAGGACAACACTACATGTACCTGGTCATCGAGGAGCTCACGCGG
AGGCGGTGGCCGTGGACGTGGCTGTGCCAAGAGGCTGCTGGAGATCGTGGGCCGGGAGGGGTGTCTCT
GACCGCTGTGCTGACCACCCACCACACTGGGACCACGCGGGGAAACCCGGAGCTGGCGCGGCTTCGT
CCGGGGTGGCGGTGCTGGGCGGGACGAGCGCATCTTCTCGCTGACGCGCAGGCTGGCGCACGGCGAGG
AGCTGCGGTTTCGGGGCCATCCACGTGCGTTGCCCTCCTGACGCCCGGCCACACCGCCGGCCACATGAGCTA
CTTCTGTGGGAGGACGATTGCCCGGACCACCCGCCCTGTTCTCGGGGACGCGCTGTCCGTGGCCGGC
TGGCGCTCGTGCCTGGAGGGCAGCGCCAGCAGATGTACCAGAGCCTGGCCGAGCTGGGTACCCTGCCCC
CCGAGACGAAGGTGTTCTGCGGCCACGAGCACACACTTAGCAACCTGGAGTTTGCCAGAAAGTGGAGCC
CTGCAACGACCACGTGAGAGCCAAGCTGTCTGGGCTAAGGCACGGCCCTTTCCCGCCGCGGAAGAGG
GTGGGGGGGAGGGAACAGGCTTCGGGGTGGGGGGGCTCTCAGACAAGGCCTAATGGTGACCGGGGCT
GTGGTCACTCCAGAAGAGGGATGAGGATGACGTGCCACTGTGCCGTCGACTCTGGGCGAGGAGCGCCTC
TACAACCCCTTCTGCGGGTGGCGTGAGTATGGCTGTTGTCCCGGGCCCTCACCGTTACGTGGACCCTT
AGGAAGGCATCTGGGGACTGCGTGTGGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG207447 representing NM_207112
 Red=Cloning site Green=Tags(s)

MKVKVIPVLEDNYMYLVIEELTREAVAVDVAVPKRLLIEIVGREGVSLTAVLTTHHHWDHARGNPALARLR
 PGLAVLGADERIFSLTRRLAHGEELRFGAIHVRCLLTPGHTAGHMSYFLWEDDCPDPALFSGDALSVAG
 CGSCLEGSAQQMYQSLAELGTLPPETKVF CGHEHTLSNLEFAQKVEPCNDHVRAKLSWAKARPLSRRGKR
 VGGEGTGFVGGALRQGLMVTGACGHSRRGMRMTCPLCRRLWARSASTTPSCGWREYGCCPGASTVTWTL
 RKASGDCVLG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207112

ORF Size: 870 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_207112.1](#), [NP_996995.1](#)

RefSeq Size: 1728 bp

RefSeq ORF: 872 bp

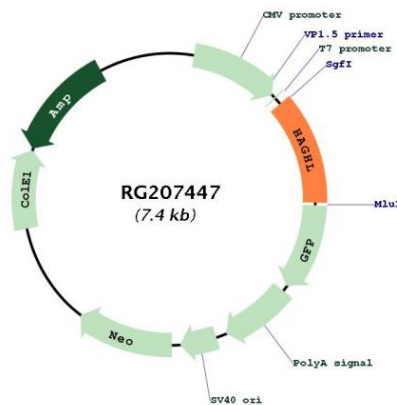
Locus ID: 84264

Cytogenetics: 16p13.3

Protein Pathways: Pyruvate metabolism

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

Product images:



Circular map for RG207447