

Product datasheet for **RG237153**

HAGHL (NM_001290137) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAGHL (NM_001290137) 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:	>RG237153 representing NM_001290137. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGGTCAAGGTCATCCCCGTGCTCGAGGACAACTACATGTACCTGGTCATCGAGGAGCTCACGCGC
GAGGCGGTGGCCGTGGACGTGGCTGTGCCAAGAGGCTGCTGGAGATCGTGGCCGGGAGGGGGTGTCT
CTGACCGCTGTGCTGACCACCCACCATCACTGGGACCACGCGCGGGGAAACCCGGAGCTGGCGGGCTT
CGTCCCGGGTGGCGGTGCTGGGCGGGACGAGCGCATCTTCTCGCTGACGCGCAGGCTGGCGCACGGC
GAGGAGCTGCGGTTCCGGGCCATCCACGTGCGTTGCCCTCCTGACGCCCGCCACACCCGGCCACATG
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CTGCCCCCGAGACGAAGGTGTTCTGCGGCCACGAGCACACGCTTAGCAACCTGGAGTTTGCCAGAAA
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CCCCTGTGCCGTCGACTCTGGGCGAGGAGCGCCTCTACAACCCCTTCTGCGGGTGGCAGAGGAGCCG
GTGCGCAAGTTCACGGGCAAGGCGGTCCCGCCGACGTCTGGAGGCGCTATGCAAGGAGCGGGCGCGC
TTCGAACAGGCGGGGAGCCGCGGACGACAGGCGGGGCCCTCCTTGCCTGTCAGTGGGGCTCCTG
AGTGCAGCCCCACACGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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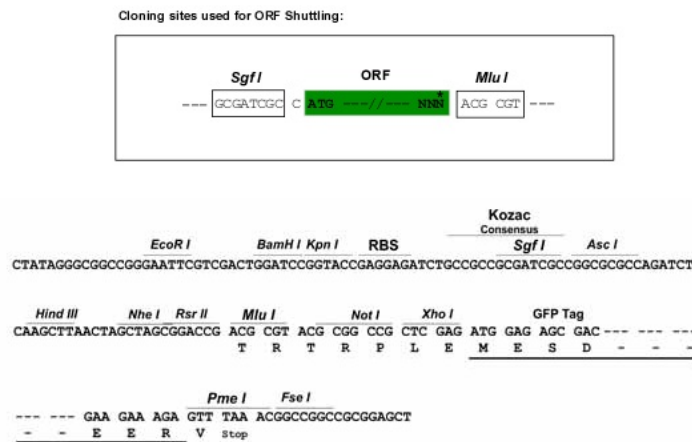
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237153
 Blue=ORF Red=Cloning site Green=Tag(s)

MKVVKIPVLEDNYMYLVIEELTREAVAVDVAVPKRLEIVGREGVSLTAVLTTHHHWDHARGNPELARL
 RPGLAVLGADERIFSLTRRLAHGEELRFGAIHVRCLLTPGHTAGHMSYFLWEDDCPPALFSGDALSV
 AGCGSCLEGSAAQMYQSLAELGTLPPETKVF CGHEHTLSNLEFAQKVEPCNDHVRAKLSWAKKREDDV
 PTVPSTLGEERLYNPFLRVAEEPVRKFTGKAVPADVLEALCKERARFEQAGEPRQPQARALLALQWGLL
 SAAPHD
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001290137

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.

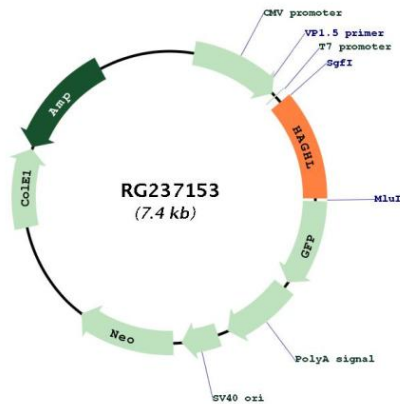
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001290137.2](#)

RefSeq Size: 1355 bp

RefSeq ORF: 849 bp
 Locus ID: 84264
 UniProt ID: [Q6PII5](#)
 Cytogenetics: 16p13.3
 Protein Pathways: Pyruvate metabolism
 MW: 31.2 kDa
 Gene Summary: Hydrolase acting on ester bonds.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237153