

Product datasheet for **RG237154**

HAGHL (NM_001290139) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAGHL (NM_001290139) 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:	>RG237154 representing NM_001290139. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGGTCAAGGTCATCCCCGTGCTCGAGGACAACTACATGTACCTGGTCATCGAGGAGCTCACGCGC
GAGGCGGTGGCCGTGGACGTGGCTGTGCCCAAGAGGCTGCTGGAGATCGTGGCCGGGAGGGGGTGTCT
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GAGGAGCTGCGGTTCCGGGCCATCCACGTGCGTTGCCTCCTGACGCCCGCCACACCCGGCCACATG
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GTGGAGCCCTGCAACGACCACGTGAGAGCCAAGCTGTCTGGGCTAAGAAGAGGGATGAGGATGACGTG
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GTGCGCAAGTTCACGGGCAAGGCGGTCCCGCCGACGTCTGGAGGCGCTATGCAAGGAGCGGGCGCGC
TTCGAACAGGCGGGGAGCCGCGGACAGGCGGGCCCTCCTTGCCTGACGTTGGGGCTCCTG
AGTGCAGCCCCACAGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237154
 Blue=ORF Red=Cloning site Green=Tag(s)

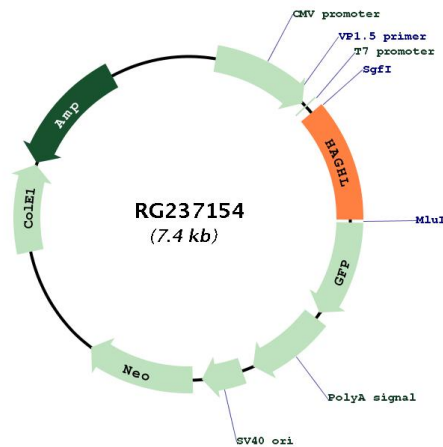
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 AGCGSCLEGAQQMYQSLAELGTLPPETKVF CGHEHTLSNLEFAQKVEPCNDHVRAKLSWAKKREDDV
 PTVPSTLGEERLYNPFRLVAEEPVRKFTGKAVPADVLEALCKERARFEQAGEPRQPQARALLALQWGLL
 SAAPHD
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001290139
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_001290139.2
RefSeq Size:	1425 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]