

## Product datasheet for **MG203380**

### Hagh (NM\_024284) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hagh (NM\_024284) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Hagh  
**Synonyms:** BC019817; Glo-2; Glo2; Rsp29  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203380 representing NM\_024284  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGAAGTTGAACTACTGCCTGCCCTGACTGACAACTACATGTACCTGATCATTGATGAGGACACCCAGG  
 AGGCCGCATTGTGGACCCAGTGAACACAGAAAGTTATAGAAGCTGCGAAAAAGCACCATGTGAAACT  
 GACCACAGTGCTCACCCTCACCACCCTGGGACCACGCTGGTGGGAACGAGAAGCTGGTGAAGCTGGAG  
 CCTGGGCTGAAGTTTATGGAGGTGATGACCGCATCGGAGCCTTGACTCACAAGGTACACACCTCTCCA  
 CACTGCAGGTGGGTCTCTCAGTGTCAAATGCCTGTCAACACCCTGCCATACTTCGGGACACATCTGTTA  
 CTTTGTGAGCAAGCCTGGGAGCTCAGAGCCTTCTGCTGTGTTACAGGTGACACATTGTTTGTGCTGGC  
 TGTGGGAAGTTCTATGAGGAACTGCAGATGAGATGTACAAGGCCTGCTTGAAGCTTGGGCCGGCTTC  
 CTCCAGACACAAAAGTCTACTGTGGTCATGAATACACCGTAAACAACCTTAAGTTTGACGCCACGTGGA  
 GCCCGCAATGCTGCCATTCAAGAGAACTAGCCTGGGCCAAGGAGAAGTATGCCATCGGGGAGCCACG  
 GTGCCATCCACCCTGGCAGAAGATTACCTACAACCCCTTCATGAGAGTGAAGGAGAAGACTGTGCAAC  
 AGCATGCTGGCGAGACAGACCCTGTGACCACCATGAGGGCCATCCGACGGGAGAAGGACCAAGTCAAGGT  
 GCCTCGGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG203380 representing NM\_024284  
 Red=Cloning site Green=Tags(s)

MKVELLPALTDNYMYLIIDEDTQEAAIVDPVQPQKIVIEAAKHHVKLTTVLTTHHHWDHAGGNEKLVKLE  
 PGLKVVYGGDDRIGALTHKVTHLSTLQVGSLSVKCLSTPCHTSGHICYFVSKPGSSEPSAVFTGDTLFFVAG  
 CGKFYEGTADEMYKALLEVLGRLPPDTKVYCGHEYTVNNLK FARHVEPGNAAIQEKLAWAKEKYAIGEP  
 VPSTLAEFTYNPFMRVKEKTVQQHAGETDPVTTMRAIRREKDKQFKVPRD

TRTRPLE - GFP Tag - V

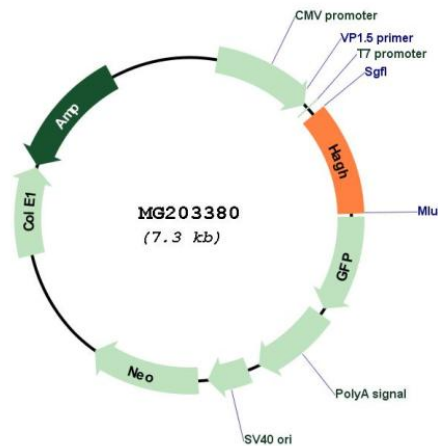
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_024284

**ORF Size:** 1194 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_024284.1</a>
<b>RefSeq Size:</b>	1148 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	14651
<b>UniProt ID:</b>	<a href="#">Q99KB8</a>
<b>Cytogenetics:</b>	17 12.53 cM
<b>Gene Summary:</b>	Thiolesterase that catalyzes the hydrolysis of S-D-lactoyl-glutathione to form glutathione and D-lactic acid.[UniProtKB/Swiss-Prot Function]