

## Product datasheet for **MG205203**

### Ahsg (NM\_013465) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ahsg (NM_013465) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ahsg
Synonyms:	fetuin-A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205203 representing NM_013465 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTCCCTGGTCTTGCTCCTTTGTTTTGCTCAGCTCTGGGGCTGCCAATCCGCTCCACAAGGTACAG  
GACTGGGTTTTAGAGAATTGGCTTGTGATGATCCAGAAGCAGAGCAAGTAGCTTTGTTGGCCGTGGACTA  
CCTCAATAATCATCTTCTTCAGGGATTC AACAGGTCTTGAATCAGATCGACAAAGTCAAGGTGTGGTCT  
CGGCGGCCCTTCGGAGTGGTGTATGAGATGGAAGTTGACACACTGGAGACCATTGCCATGCTTTGGACC  
CCACCCCGCTGGCAAAGTCTTGTGTGAGGCAGCTGACTGAGCACGCGGTGGAGGGAGACTGTGACTTCCA  
CATCCTGAAACAAGACGGCCAGTTCAGGGTGTGACACCCAGTGTATTCCACCCAGACTCTGCAGAG  
GACGTTGTAAGTTGTGCCACGGTGCCACTCCTGACTCCGTTCAACGATACCAACGTGGTCCACACCG  
TCAACTGCCCCTGGCTGCCTTCAACACACAGAATAATGGAACCTATTTAAACTGGTGGAGATTTCCCG  
GGCTCAAATGTGCCTCTCCAGTGTCTACTCTGGTGGAGTTTGTAAAGCTGCCACTGACTGTACTGCA  
AAAGAAGTCACAGATCCAGCCAAATGCAACCTGCTGGCAGAGAAGCAACATGGCTTCTGCAAGGCAAATC  
TCATGCATAATCTTGGTGGGAAGAAGTTTCAGTGGCTGCAAGTTATTTCAAACACAGCCCCAGCCAGC  
CAATGCCAACGCAGTAGGTCCCCTACCCACAGCGAATGCAGCCCTACCAGCTGACCCACCTGCATCTGTG  
GTGGTGGACCTGTGGTGGTCCACGAGGACTTTCAGACCAGCAACTTACCAGCTGACCCACCTAGCCACGCCT  
TCTCCTGTGGCTCGGTGGAGTCGGCCTCGGGAGAACTCTTATTCTCCTAAGGTGGCCAGCCTGG  
TGCTGCTGGTCCAGTGTCCCCATGTGCCAGGGAGGATCAGACACTTCAAATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG205203 representing NM\_013465  
Red=Cloning site Green=Tags(s)

```

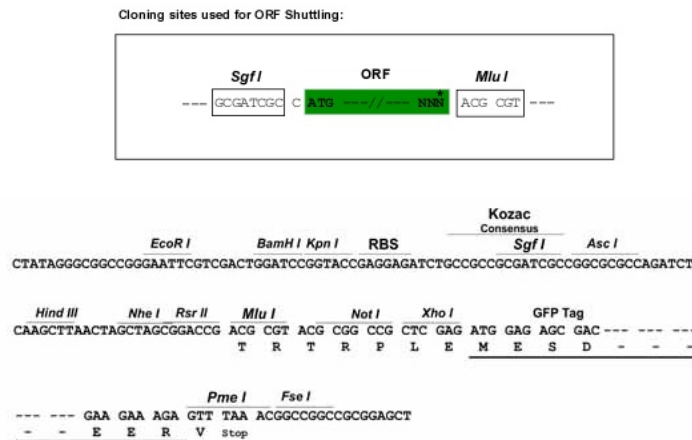
MKSLVLLL CFAQLWGCQSAPQGTGLGFRELACDDPEAEQVALLAVDYLNHLLQGFKQVLNQIDKVKVWS
RRPFGVVYEMEDTLETTCHALDPTLANCSVRQLTEHAVEGDCDFHILKQDQFRVMHTQCHSTPDSAE
DVRKLCPRCPPLLTPFNNTNVVHTVNTALAAFNTQNNGTYFKLVEISRAQNVPLPVSTLVEFVIAATDCTA
KEVTDPAKCNLLAEKQHGFCANLMHNLGGEEVSVACKLFQTQPAPANANAVGPVPTANAALPADPPASV
VVGPPVVVPRGLSDHRTYHDLRHAFSPVASVESASGETLHSPKVGQPGAAGPVSMP MCPGRIRHFKI
    
```

TRTRPLE - GFP Tag - V

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1645\\_a11.zip](https://cdn.origene.com/chromatograms/ja1645_a11.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_013465

**ORF Size:** 1035 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\\_013465.2](#)

**RefSeq Size:** 1474 bp

**RefSeq ORF:** 1038 bp

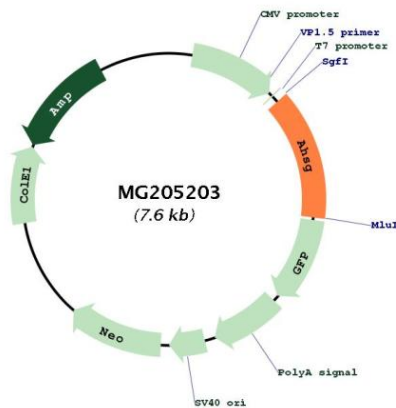
**Locus ID:** 11625

**UniProt ID:** [P29699](#)

**Cytogenetics:** 16 13.74 cM

**Gene Summary:** Probably involved in differentiation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG205203