

Product datasheet for **MG202293**

Hlf (BC057693) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Hlf (BC057693) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Hlf
 Synonyms: E230015K02Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG202293 representing BC057693
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACTTGGAGGAATTCCTGTGTCAGAGAATGGCATCCCCCGAGTCCGTCGCAGCACGACCACAGCCCTC
 ACCCCCTGGCTTGAACACAGCTTCTCCACGGCGCCCTCGGTCATGGATCTCAGCAGCCGGCCACAGC
 GCCCTCCACCCGGGCATCCCGTCTCCGAAGTGTATGCAGAGCCCATCAGACCAGGCCAGCTGTTGCCA
 GCAAACCGCAATACACCGAGTCCCATTGACCCTGACACCATCCAGGTACCAGTCCGGTATGAACCAGACC
 CGGCAGACCTTGCCTCTCCAGCATCCCGGGCAGGAAATGTTTGACCCTCGCAAACGGAAGTTCTCTGA
 GGAAGAACTGAAGCCACAGCCCATGATTAAGAAAGCTCGCAAAGTCTTATTCCCGATGATTTGAAGCAG
 GATGACAAGTACTGGGCGAGGCGCAGAAAGAACAACATGGCGGCCAAGCGCTCCCGTATGCCCGGGCGG
 TGAAGGAGAACCAGATCGCAATCCGGGCCTCATTCTGGAGAAGGAGAACTCGGCCCTCCGCCAGGAGGT
 GGCTGATTTAAGGAAGGAGCTGGGCAAATGCAAGAACAATACTTGCCAAGTACGAGGCCAGGCACGGGCC
 CTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202293 representing BC057693
 Red=Cloning site Green=Tags(s)

MDLEEFLENGIPPSPSQHDHSPHPGLQPASSTAPSVMDLSSRATAPLHPGIPSPNCMQSPIRPGQLLP
 ANRNTPSPIDPDTIQVPVGYEPDADLALSSIPGQEMFDPRKRKFSEEELKPQPMIKKARKVFI PDDLKQ
 DDKYWARRRKNMAAKRSRDARRLKENQIAIRASFLEKENSALRQEVADLRKELGKCKNILAKYEARHG
 L

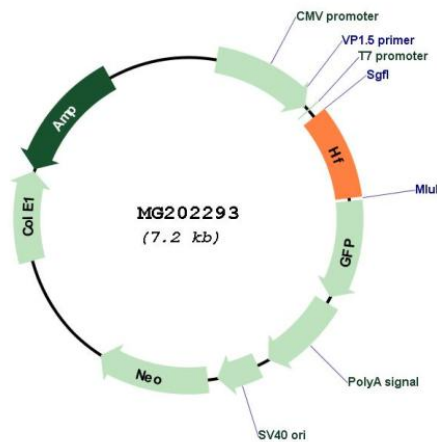
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC057693

ORF Size: 635 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:	<ol style="list-style-type: none">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:	BC057693 , AAH57693
RefSeq Size:	2480 bp
RefSeq ORF:	635 bp
Locus ID:	217082
Cytogenetics:	11 55.03 cM