

Product datasheet for **RG218292**

CAMLG (NM_001745) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAMLG (NM_001745) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CAMLG
Synonyms:	CAML; GET2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218292 representing NM_001745 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCGATGGCCGTCGCTACCGACGGCGGGAGAGGCCGGGGTCCCAGCGGGCTCAGGTCTGTCCG
CTTCCCAGCGTCGGCGGAGCTGCGTCGGAGAAAGCTGCTCATGAACTCGGAACAGCGCATCAACCGGAT
CATGGGCTTTACAGGCCCGGGAGCGGCGGAAGAAGAAAGTCAAACAAAATCAAAGCAGCAGGACAGT
GATAAACTGAACTCCCTCAGCGTTCCTTCCGTTCAAAGCGAGTAGTGCTGGGTGATTGATCAGTACAG
GAACAACCTGACCAGCAGGTTGGTGTGGCCGAGGTAAGGGGACCCAACTGGGAGACAAATGGACTCGTT
CATTAAACCACCTGAGTGCAAGTAGTGATGTCAACCTTGAGCTCCGGCAGCGGAACAGAGGGGACCTGACA
GCGGACTCGGTCCAGAGGGGTTCCCGCCATGGCCTAGAGCAGTACCTTTCCAGATTGGAAGAAGCAATGA
AGCTAAGGAAACAGCTGATTAGTGAAAAACCCAGTCAAGAGGATGGAAATACAACAGAAGAATTTGACTC
TTTTCGAATATTTAGATTGGTGGGATGTGCTCTTCTTGTCTTGGAGTCAGAGCTTTTGTGGCAATAC
TTGTCCATATTTGCTCCATTTCTTACTTTACAACCTGCGTACATGGGATTATACAATATTTCCCAAGA
GTGAAAAGAAGATAAAGACAACAGTACTAACAGCTGCCTTCTATTGTCGGGAATTCCTGCCGAAGTGAT
AAATCGATCAATGGATACCTATAGCAAAATGGCGAAGTCTTACAGATCTCTGTGCTACTTTTTCACT
TTTATCTTTTGTGTCATGAACTGCTTGATTATTGGGGCTCTGAAGTACCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG218292 representing NM_001745
 Red=Cloning site Green=Tags(s)

MESMAVATDGGERPVPAGSGLSASQRRRAELRRRKLMMNSEQRINRIMGFHRPGSGAEESQTKSKQQDS
 DKLNLSVPSVSKRVVLGDSVSTGTTDQGGVAEVKGTQLGDKLDSF IKPPECSSDVNLELRQRNRGDLT
 ADSVQRGSRHGLEQYLSRFEEAMKLRKQLISEKPSQEDGNTTEEFDSFRIFRLVGCALLALGVRAFVCKY
 LSIFAPFLTLQLAYMGLYKYFPKSEKKIKTTVLTAALLLSGIPAEVINRSMDTYSKMGEVFTDLCVYFFT
 FIFCHELLDYWGSEVP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001745

ORF Size: 888 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).

