

Product datasheet for **MG223454**

Clcf1 (NM_019952) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clcf1 (NM_019952) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Clcf1
Synonyms:	BSF-3; Bsf3; CLC; NNT-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223454 representing NM_019952 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTCCGAGCAGGGGACTCGTGGGGATGTTAGCTTGCCTATGCACGGTGTGTGGCACCTCCCTG
CAGTGCCAGCTCTTAATCGCACAGGAGATCCAGGCCCTGGCCCTCCATCCAGAAAACCTATGACCTCAC
CCGCTACCTGGAGCATCAACTCCGAGCTTAGCTGGGACCTACCTGAACCTACCTGGGGCCCCCTTTCAAC
GAGCCTGACTTCAATCCTCCTCGACTGGGGCAGAACTCTGCCAGGGCCACGGTCAACTTGAAGTGT
GGCGAAGCCTCAATGACAGGCTGCGGCTGACCCAGAACTATGAGGCGTACAGTCACCTCCTGTGTTACTT
GGTGGCCTCAACCGTCAGGCTGCCACAGCTGAACTCCGACGTAGCCTGGCCACTTCTGTACCAGCCTC
CAGGGCCTGTGGCAGCATTGCAGGTGTATGGCGACGCTTGGCTACCCACTGCCCCAGCCTCTGCCAG
GGACTGAGCCAGCCTGGGCCCTGGCCCTGCCACAGTGAAGTCTCCAGAAAGATGGATGACTTCTGGCT
GCTGAAGGAGCTGCAGACCTGGCTATGGCGTTCAGCCAAGGACTTCAACCGGCTTAAGAAGAAGATGCAG
CCTCCAGCAGCTTCAGTCACCCTGCACTTGGAGGCCATGGTTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223454 representing NM_019952
 Red=Cloning site Green=Tags(s)

MDLRAGDSWGLACLCTVLWHLPAVPALNRTGDPGPGPSIQKTYDLTRYLEHQLRSLAGTYLNYLGPPFN
 EPDFNPPRLGAETLPRATVNLEVWRSNDRLRLTQNYEAYSHLLCYLRGLNRQAATAELRRSLAHFCTSL
 QGLLGSIAGVMATLGYPLPQPLPGTEPAWAPGPAHSDFLQKMDDFWLLKELQTWLWRSKDFNRLKKKMQ
 PPAASVTLHLEAHGF

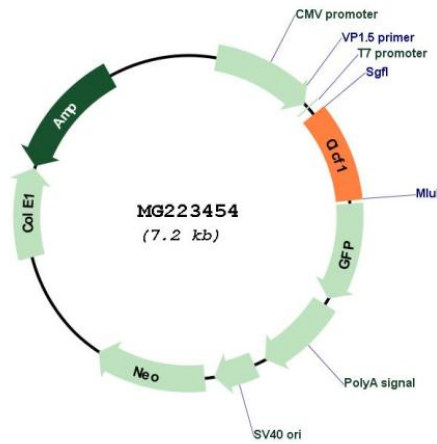
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019952

ORF Size: 675 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:	NM_019952.5 , NP_064336.1
RefSeq Size:	818 bp
RefSeq ORF:	678 bp
Locus ID:	56708
UniProt ID:	Q9QZM3
Cytogenetics:	19 A
Gene Summary:	Cytokine with B-cell stimulating capability. Binds to and activates the ILST/gp130 receptor. [UniProtKB/Swiss-Prot Function]