

Product datasheet for **MG219402**

Cd72 (NM_001110322) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd72 (NM_001110322) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cd72
Synonyms:	CD72c; Ly-19; Ly-32; Ly-m19; Lyb-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG219402 representing NM_001110322 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGACGCTATCACGTATGCAGACCTGCGCTTTGTGAAAGTGCCCTGAAGAACAGCGCATCTAACC
ATCTAGGACAGGACTGTGAGGCCTATGAAGATGGGAACTCACCTACGAGAATGTCAAGTGTCTCCAGT
CCCAGGAGGGCCACCAGGCTTGGCTTCCCTGCACTAGCGGACAAAGCAGATCTGCAGGTGTCTCGGCAG
TTCCAGGAGGGGACCAGGATTTGGGAAGCCACCAATAGCAGCCTGCAGCAGCAGCTCAGGGAGAAGATAA
GTCAGCTGGGGCAGAAGGAGGTGGAGCTTCAGAAGGCTCGAAAGAGCTGATCTCGAGCCAGGACACATT
ACAGGAGAAGCAGAGGACTCACGAGGACGCTGAGCAGCAACTACAAGCCTGCCAGGCTGAGAGAGCGAAG
ACCAAGGAGAACCTGAAAACCTGAGGAGGAGCGGAGGAGGACCTGGACCAGAGGTTGACAAGCACGCGGG
AGACACTGAGGCGCTTCTCTCTGATTTCATCAGACACCTGCTGTCCATGCGGATGGATTCCATATCAGGA
AAGGTGCTTTTACATCTCACATACCCTCGGAAGTCTGGAGGAGAGCCAAAAATACTGCACATCTCTGTCC
TCCAACTGGCAGCATTTCGATGAACCTTCTAAGTATTACTATGAAGTTTCTCTGCCAGCGGCTTAGAGG
AGTTGCTAGATCGTTCGAAGTCATATTGGATACAGATGAGCAAGAAGTGGAGGCAGGACTCTGACTCTCA
AAGCCGACATTGTGTCAGGATAAAAACATATTACCAGAAGTGGAAAGAACAATTTCCAAGTGTGCAGAG
CTTCACCCCTGCATTTGTGAGTCGGAGGCTTTCAGGTTTCTGATGGGATCAATCTGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219402 representing NM_001110322
 Red=Cloning site Green=Tags(s)

MADAITYADLRFVKVPLKNSASNHLGQDCEAYEDGELTYENVQVSPVPGPPGLASPALADKADLQVSRQ
 FQEGTRIWEATNSSLQQQLREKISQLGQKEVELQKARKELISSQDTLQEKQRTHEDEAEQQLQACQAERAK
 TKENLKTTEEERRDLQRLTSTRETLRRFFSDSSDTCCPCGWIPYQERCFYISHTLGSLEESQKYCTSLS
 SKLAAFDEPSKYVEVSLPSGLEELLDRSKSYWIQMSKKWRQSDSQSRHCVRIKTYIQKWERTISKCAE
 LHPCICESEAFRFPDGINLN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001110322

ORF Size: 900 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_001110322.1](#), [NP_001103792.1](#)

RefSeq Size: 1320 bp

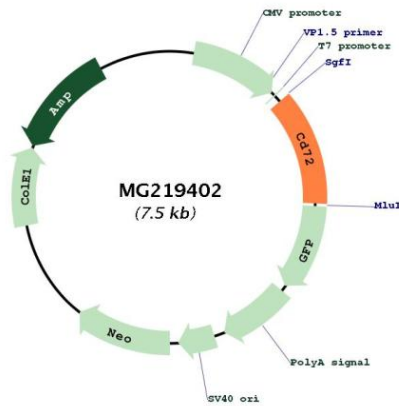
RefSeq ORF: 903 bp

Locus ID: 12517

Cytogenetics: 4 23.04 cM

Gene Summary: Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG219402