

Product datasheet for **RR204729**

Cd72 (NM_001015016) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd72 (NM_001015016) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd72
Synonyms: MGC108873
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204729 representing NM_001015016
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTGACGCCATCACCTATGCAGACCTGCGCTTTGTGAAAGTGCCCTGAAGAACAACCGCTAACC
ATTCAGGACAGGACTGTGAGGCCTATGAGGATGGGAACTCACCTACGAGAATGTGTCTCCAGTCCCGGG
AGGGCCCGCAGGCTTGGTTTCCCCTGCACTAGCGGACAAAGCAGGGGTCAGGTCAGAGCAACCAACTGCG
TCCTGGAGCTCCGTGAAGTCATCTGCTCTCGGGCAGATTCTCCGCTGTCCACAGTCTGTTTGAATACT
CCTTGCTTGGCCTTCTCCTCGCCTGTCTGATGTTAGGGGTGGCTATCATCTGCCTGGGAGTTCGCTATCT
GCAGGTGTCTCAGCAGTTCGAGCAGGTGAGCAGGATTTGGGAAGCCACCAACAGCAGCTTGCAGCAGCAG
CTCAGGGAGGAGAAAAGACAGCTGAAGCAGAAGGTGGAGGATCTTCGGGAGTCTCGGAGAGAGCTGAACT
CGACGCAGGACACATTTAGGAGAAGCAGAAGATGTATGAGGTCACTAAGCAGCAACTACAGGACTGCCA
GGCTGAGAGTCAGAGGACCAAGGAGAGCTTGAAGACTGAGGAGCAGCGGAGGCAGGACCTGGACCAGAGT
TTGAGGAACACGCGGGACACTCTGAGACGCTTGTCTCCTGTTTCGTGAGACACCTGCTCCAAGTGGAT
GGGTTTCAGCATGAGAAAAGGTGCTTTTACATCTCAAATACCCCAAGTCTGGAGGAGAGCCGAAAATA
CTGCACATCTCTGCTCCTCAAAGTGGCTGTGCTCAACGAACCTCCTAGGTATTCCCTACAAGATTCTCTG
CCTGATGGCTTAAGAAGTTGCTAGATCGTTCAAAGTCATATTGGATTGAGCAGATGAGCCATACTGTAT
ATTATCCACAAAACATGAAGAACATGAAGGGGAGGAGTCCGATTCTCATTCTCAAAGCTCATGTTACCT
GATAAAATGTTACCATTATGGTGGTATGAAAGCTCATACACGTGTACAGACCTTTTCCCCTGCATTTGT
GAGCTGGAGGCGCTCAGGTTTCTGATGGGATCCATCTGAAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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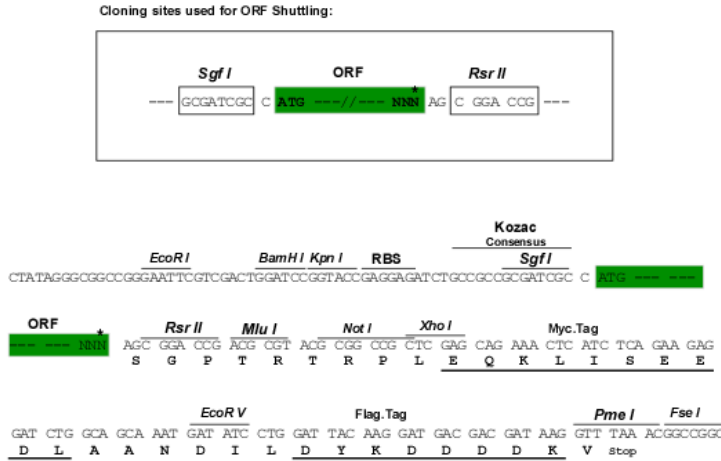
Protein Sequence: >RR204729 representing NM_001015016
Red=Cloning site Green=Tags(s)

MADAITYADLRFVKVPLKNNASNHSGDCEAYEDGELTYENVSPVPGPPGLVSPALADKAGVRSEQPTA
 SWSSVKSSALGQILRCPTVCLQYSLLGLLLACLMLGVAIICLGVRYLQVSQQFEQVSRIWEATNSSLQQQ
 LREEKRQLKQKVEDLRESRRELNSTQDTFQEKQKMYEVTKQLQDCQAESQRTKESLKTTEEQRRLDQSL
 LRNTRDTLRRLSSCSDTCCPSGWWQHEKRCFYISNTPRSLEESRKYCTLSLSSKLAVLNEPPRYSLQDSL
 PDGLKLLDRSKSYWIEQMSHTVYYPQNMKNMGRRSDSHSQSSCYLIKCYHSSWWYESSYTCTDLFPCIC
 ELEALRFPDGIHLN

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

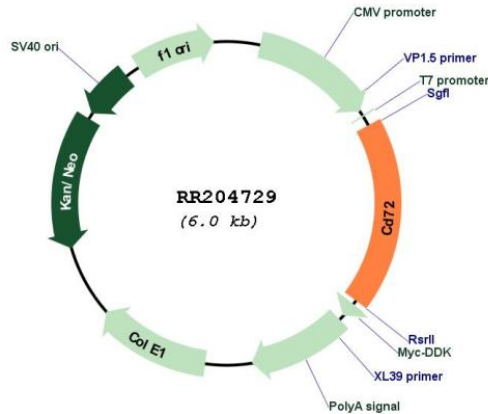
Restriction Sites: SgfI-RsrII

Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001015016

ORF Size:	1092 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_001015016.1 , NP_001015016.1
RefSeq Size:	1495 bp
RefSeq ORF:	1095 bp
Locus ID:	313498
Cytogenetics:	5q22
MW:	41.7 kDa