

Product datasheet for **RC209312**

ZNF354C (NM_014594) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF354C (NM_014594) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF354C |
| Synonyms: | KID3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>RC209312 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGTGGATCTGCTGTCTGCTCAGGAGCCTGTGACATTCAGGGATGTGGCCGTGTTCTTCAGCCAGG
 ACGAGTGGTTGCACCTGGACTCTGCCAGAGGGCCTTGTACCGGAGGTGATGCTGGAGAACTACAGCAG
 CCTGGTCTCACTGGGATTCCATTTTCAATGCCAAAGTTGATTCATCAGTTGCAGCAAGGAGAAGATCCC
 TGCATGGTGGAAAGAGAAGTCCCTTCAGATACCCGTCTAGGTTTCAAGACTTGGCTTGAACAGAAGCAT
 TGCCTCATAGACAGGACATTTTTATAGAAGAAACATCTCAGGGAATGGTAAAGAAAGAATCCATTAAGGA
 TGGTCACTGGGACATTAACCTTGAAGAAGCTGTGGAATTTGAGAGCGAGATAGAAGAAGAGCAAGAGAAG
 AAACCTCTTAGACAAATGATAGATTCGCATGAGAAAACCATCAGTGAAGATGGAAACCATACAAGTCTTG
 AATTGGGAAAAGCTTATTTACAATACAGCTCTTGTACACAACAGAGTGTTCCTATAGAAAGGATACC
 CAATATGTATTACATTTGGGAAAGATTTTAAACAGAATTTTGATCTCATGAAATGCTTCCAGATTTAC
 CCAGGAGGAAAACCTCACATCTGTAATGAATGTGGGAAGAGCTTCAAGCAGAATCTGCATCTTATTGAAC
 ATCAGAGAATTCATACAGGTGAGAAACCTACAATGTAATGAGTGTAACAAAAACCTTCAGCCACAGATC
 ATCCCTCTTTCTCATCAGAGAATTCATACTGGAGAGAAACCTTACAAGTGAATGAATGTGAGAAGGCA
 TTTAGCAACAGTTCAACCCTTATCAACATCTGAGAGTGCATACTGGAGAGAAACCGTATCGATGTAGGG
 AATGTGGTAAAGCCTTTAGCCAGTGTCAACCCCTCACTGTACATCAGAGAATTCATACTGGAGAGAACT
 CTATAATGCGCGAATGTGAGAAGGCCTTCAACTGTAGAGCAAACTTCACAGGCATCAAAGAATCCAT
 ACAGGTGAGAAACCTATAAATGTAGTGAAGTGTGGGAAGGATACAGCCAGTTTACATCTCTAGCTGAAC
 ATCAGAGGTTTCACTACTGGAGAACAACGTATACATGCTTGGAAATGTGGGAGAACCTTCACACGATTGT
 AACCTTATCGAACATCAGCGAATTCACACTGGACAAAAACCTTATCAGTGCAACGAATGTGAGAAAGCC
 TTCAACAGTATTCATCCTTTAATGAACATCGGAAAATTCATACTGGGAAAAACTTTATACATGTGAGG
 AATGTGGGAAAGCCTTTGGTTGCAAATCTAACCTTTATAGGCATCAGAGAATTCATACTGGAGAGAAAC
 GTATCAGTGAATCAGTGGAAAGCCTTCAGCCAGTATTCATTTTTAACCGAACA

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209312 protein sequence
 Red=Cloning site Green=Tags(s)

MAVDLLSAQEPVTFRDVAVFFSQDEWLHLDQAQRALYREVMLENYSSLVSLGIPFSMPKLIHQIQGQEDP
 CMVEREVPDTRLGFKTWLETEALPHRQDIFIEETSQGMVKKESIKDGHWDINFEAEVFESEIEEEEQEK
 KPLRQIMDSHEKTI SEDGNHTSLELGKSLFTNTALVTQQSVPIERIPNMYTTFGKDFKQNFDMKCFQIY
 PGGKPHICNECGKSFQNLHLIEHQRIHTGEKPYKCNECKKTFSHRSSLLSHQRIHTGEKPYKCNECEKA
 FSNSSTLIKHLRVHTGEKPYRCRECGKAFSQCSTLTVHQRIHTGEKLYKCGECEKAFNCRAKLHRHQRIH
 TGEKPYKCSECGKYSQFTSLAEHQRFHTGEQLYTCLECGRTFTRIVTLIEHQRIHTGQKPYQCNECEKA
 FNQYSSFNEHRKIHTGEKLYTCEECGKAFGCKSNLYRHQRIHTGEKPYQCQWKLQPVFIFNRT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6345_d07.zip

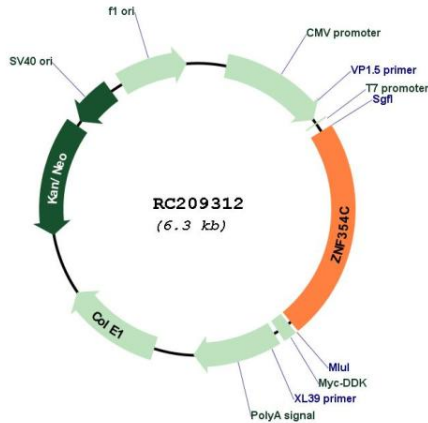
Restriction Sites:

Sgfl-MluI

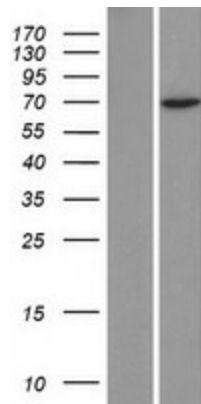
Gene Summary:

May function as a transcription repressor. Binds to 5'-CCACA-3' core sequence. Suppresses osteogenic effects of RUNX2. May be involved in osteoblastic differentiation (By similarity). Plays a role in postnatal myogenesis, may be involved in the regulation of satellite cells self-renewal (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC209312



Western blot validation of overexpression lysate (Cat# [LY415174]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209312 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).