

Product datasheet for RC218719

ZNF793 (NM_001013659) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF793 (NM_001013659) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF793
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218719 representing NM_001013659 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGATCGAATACCAGATACCTGTGTCATTCAAAGATGTGGTTGTGGGCTCACCCAAGAGGAGTGGCACC
GGCTGAGTCTGCTCAGAGGGCCCTGTACCGGGATGTGATGCTGGAAACCTATAGCAACCTCGTCTCAGT
GGGTTATGAAGGCACCAAACCAGATGTGATCCTCAGACTGGAGCAGGAAGAAGCACCATGGATTGGTGAG
GCAGCATGCCCGGGCTGCCACTGTTGGGAAGACATCTGGCGAGTTAATATCCAGAGGAAAAGCAGCGCAAG
ACATGCTTTTGGAGCCAGGCGCAGCCATAAGCAAGAAAACATTGCCAAAGGAGAAAAGCTGTAATATAA
TAAGTTTGGGAAAATATCACTTCTGAGCACTGATCTTTTTTCTTCAATCCAGAGCCCTAGTAATGGAAC
CCTTGTGGAAAAGAAATTTGAACCATAATTTAGACTTGATTGGTTTTAAGAGAACTGTGCAAAAAAGCAAG
ATGAGTGTATGCTTATGGGAAATTGCTTCAGCGTATAAATCATGGTAGACGACCTAATGGAGAAAAGCC
CCGGGGTTGCAGTCACTGTGAGAAAGCTTTCACCCAGAACCCGGCACTTATGTATAAACAGCAGTAAGT
GATTCTCTCTGTACAAACGGAAGAGGGTTCCACCTACAGAAAAACCCACGCTGTAGTGAGTGTGGGA
AAGCCTTCTGCTACAAGTCTGAATTCATTAGGCATCAGAGAAGTCACACTGGGGAGAAGCCTTATGGCTG
CACTGACTGTGGGAAAGCCTTTTACATAAGTCAACCCTCATCAACACCAGAGAATTCACTGGGGTA
AGACCTTTGAATGTTTTTTTTGTGGGAAAGCCTTACCAGAAGTCACACCGCACAGAATCATCAGAGAA
CACACACAGGAGAGAGACCCTTTGCTGCAAGTGAATGCGGGAAATCGTTTTGGTGAGAAGTCAATCTCAA
TGTACATCGAAAATGCACACAGGAGAAAAGACCGTATCGTTGCAGAGAATGTGGAAAATCCTTCAGCCAG
AAGTCAATGCCTCAATAAACATTGGAGAAGTACACAGGAGAGAAGCCCTATGGGTGCAATGAATGTGGGA
AAGCTTTTACCAGAAGCCAAACCTCAGCAGACATCAGAAAATTCATGCTCGGAAGAATGCCTACAGGAA
TGAAAACCTAATAATTGTGGGAAATACT

ACGCGTACGCGGGCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC218719 representing NM_001013659
Red=Cloning site Green=Tags(s)

MIEYQIPVSFKDVVVGFTEQEEWHRLSPAQRALYRDVMLETYSNLVSVGEGTKPDVILRLEQEEAPWIGE
AACPGCHCWEDIWRVNIQRKRRQDMLLRPGAAISKKTLPKKESCEYNKFGKISLLSTDLFSSIQSPSNWN
PCGKNLNHNLDLIGFKRNCAGKQDECYAYGKLLQRINHGRPNGEKPRGCSHCEKAFQNPALMYKPAVS
DSLLYKRKRVPPTKPHVCECGKAFKCYKSEFIRHQSHTGEKPYGCTDCGKAFSHKSTLIKHQRIHTGV
RPFECFFCGKAFQKSHRTEHQRTHTGERPFVCECGKSFGEKSYLVNHRKMHTGERPYRCRECGKSFQ
KSCLNKHWRTHTGEKPYGCNECGKAFYQKPNLSRHQKIHARKNAYRNENLIIVGNT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8021_b06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001013659

ORF Size: 1218 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_001013659.3](#)

RefSeq Size: 7136 bp

RefSeq ORF: 1221 bp

Locus ID: 390927

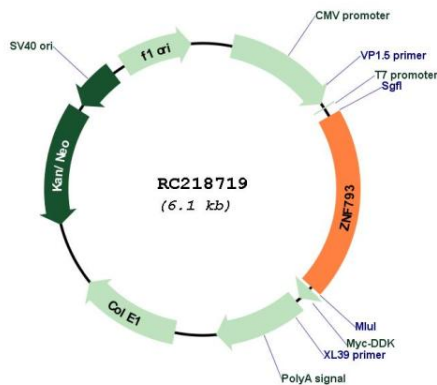
UniProt ID: [Q6ZN11](#)

Cytogenetics: 19q13.12

MW: 46.7 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC218719