

Product datasheet for **RC222972**

zinc finger protein 112 (ZNF112) (NM_013380) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 112 (ZNF112) (NM_013380) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	zinc finger protein 112
Synonyms:	ZFP112; ZNF228
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC222972 representing NM_013380
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTGACATTCAAGGATGTTGCTGTGGTCTTCACTGAGGAGAGCTGGGGCTGCTGGACTCTGTCCAGA
GGAAGCTGTACCGAGATGTGATGCTGGAGAACTTCAGGAACCTGCTTCTAGTAGCACATCAGCCCTCAA
GCCAGACCTAATATCCCAGCTGGAGAGAGAAGAAAAGCTTTTGATGGTGGAGACAGAAACCCCAAGAGAT
GGATGTTCAAGGAAGAATCAACAAAAGATGGAGAGTATTCAGGAAGTAACAGTAAGCTACTTTTCCC
CCAAAGAGCTTCTCCCGTCAGACCTGGCAACAAAGTGCAGGTGGGTTAATCAGGTGTCAAGATTTCT
GAAAGTTTTTCAAGGGAAGAATTCTCAGTTGCAAGAACAAGTAATCCCTCGGCCAGGTTTGGGCAGGA
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TTATCAGTGTAGATGTCAGCAAAATTTCCATGAAAAATCATTCTGTAAGTGTGACAGTGTCAAGTTGGCTC
TCACATACAATGATAAACTGGAAGTACACAGAAAAGAAAACCTACAGCTGCCATGACTGTGGAGAAGATA
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TAGAAAAGCCTTCAGTAATGACTCCAGCTCTGAGGTTCATCAGCAGTTCCTTGGAAAGGGAAGCCCTAT
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TCACAGAGTCCACACAGGAGAGAAAACCATACAAATGTGAGGTATGTGGAAGGGCTTCAGTCCAGAGATCA
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CTATGGTAAGGACTACCTTCATCAGAGAATCTACACAGAAATGAAGATTCTGTTTTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222972 representing NM_013380
 Red=Cloning site Green=Tags(s)

MVTFKDVAVVFTEELGLLDSVQRKLYRDVMLENFRNLLLVAHQPFKPDLSQLEREKLLMVETETPRD
 GCSGRKNQQMESIQEVTVSYFSPKELSSRQTWQASAGGLIRCQDFLKVFQGKNSLQEQGNSLGQVWAG
 IPVQISEDKNYIFTHIGNGSNYIKSQGYPSWRAHHSWRKMYLKESHNYQCRCQQISMKNHFCKCDSVSWL
 SHHNDKLEVHRKENYSCHDCGEDIMKVSLLNQESIQTTEEKYPYCTGYRKAFSNDSSSEVHQQFHLEGKPY
 TYSSCGKGCNYSSLHHIQNIEREDDIENSHLKSQYQRVHTEEKPKCKGEYGENFNHCSPLNTYELIHTGE
 MSYRHNIYEKAFSHSLDLNSIFRVHTRDEPHEYEENENVFNQSSCLQVHQKIHTEEKLYTDIEYKGSFIC
 SSNLDIQHRVHMEENSYNSEECNGFSLASHFQDLQIVHTKEQPYKRYVCSNSFSHNLYLQGHPKIHIGE
 KPRKEHGNGFNWSSKLDKHQRVHTGQKPYKCNICGKGFNHRVSVLNHQRVHTGEKPYKCEECCKGFSR
 YLQAHQRVHTGEKPYKCEECGKFSRNSYLQGHQRVHTGEKPYKCEECGKFSRSHLQGHQRVHTGEK
 FKCEECGKFSWFSNLQIHQRVHTGEKPYKCEECGKFSKASTLLAHQRVHTGEKPYQCDECGKFSQRS
 YLQSHQSVHSGERPYPICEVCGKFSQRAYLQGHQRVHTRVKPYKCEMCGKFSQSSRLEAHRRVHTGGK
 YKCEVCTKGFSESSRLQAHQRVHVEGRPYKCEQCCKGFSGYSSLQAHHRVHTGEKPYKCEVCGKFSQRS
 NLQAHQRVHTGEKPYKCDACGKFRWSSGLLIHQRVHSSDKFYKSEDYGKDYPSSENLHRNEDSVLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

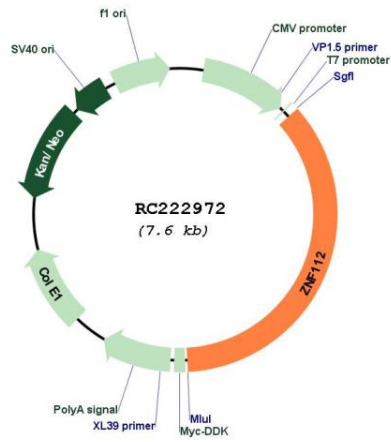
Cloning Scheme:



ACCN: NM_013380

ORF Size:	2721 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_013380.4
RefSeq Size:	3688 bp
RefSeq ORF:	2724 bp
Locus ID:	7771
Cytogenetics:	19q13.31
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
MW:	105.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC222972