

Product datasheet for **RC225172**

ZNF673 (KRBOX4) (NM_001129898) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF673 (KRBOX4) (NM_001129898) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF673 |
| Synonyms: | ZNF673 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC225172 representing NM_001129898 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCATGTCCAGGAATCATTGACCTTCAAGGACGTGTTTGTGGACTTCACCCTGGAGGAGTGGCAGC
 AACTGGACTCTGCCAGAAGAACCTCTACAGGGATGTCATGCTTGAGAACTACAGCCACCTGGTGTCCGT
 GGGGTATCTAGTTGCGAAGCCAGATGTGATCTTCAGGTTGGGACCAGGTGAAGAGTCCTGGATGGCAGAT
 GGGGGGACCCCGGTACGGACCTGTGCAGGTGAGGACAGGCCAGAAGTCTGGCAAGTTGATGAGCAGATAG
 ATCACTACAAGGAAAGCCAAGACAACTTCCTTGGCAAGCTGCATTCATAGGCAAGGAAACACTGAAGGA
 TGAAAGCGGTCAAGAATCCAGAACATGTAGAAAAAGCATTATCTGAGCACAGAATTTGATTCTGTAAAG
 CAAAGACTCCCTAAATATTATTCGTGGGAAAAGGCATTCAAACATCATTAAACTTTCTTGGTCAAAT
 GGAAGCTATGTAAGAAAGAAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

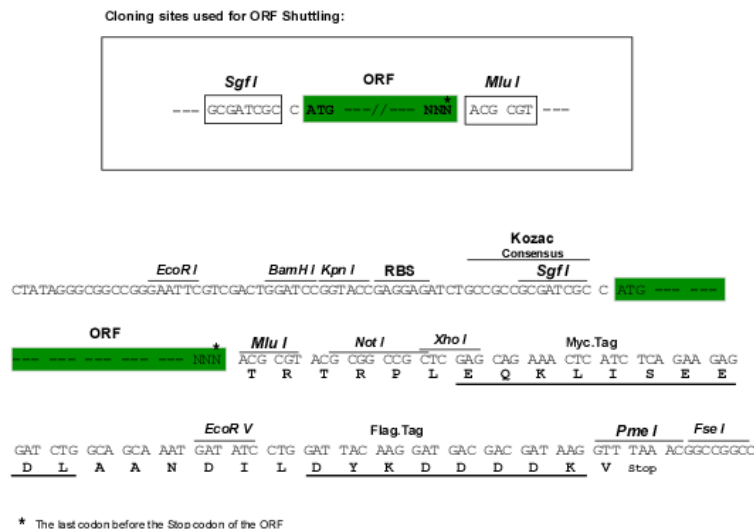
| | |
|-------------------|---|
| Protein Sequence: | >RC225172 representing NM_001129898 Red=Cloning site Green=Tags(s) |
|-------------------|---|

MAMQESLTFKDVFDFTLEEWQQLDSAQKNLYRDMLENYSHLVSVGYLVAKPDVIFRLGPGEESWMAD
 GGTPVRTCAGEDRPEVWQVDEQIDHYKESQDKLPWQAAF IGKETLKDESGQESRTCRKSIYLSTEFDSVR
 QRLPKYYSWEKAFKTSFKLSWSKWKLCCKER

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|--------------------|-----------|
| Restriction Sites: | Sgfl-MluI |
|--------------------|-----------|


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Cloning Scheme:


ACCN: NM_001129898

ORF Size: 513 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001129898.2](#)

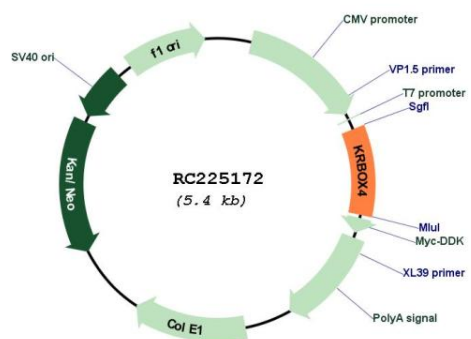
RefSeq ORF: 516 bp

Locus ID: 55634

UniProt ID: [Q5J UW0](#)

| | |
|--------------------------|---|
| Cytogenetics: | Xp11.3 |
| Protein Families: | Transcription Factors |
| MW: | 19.9 kDa |
| Gene Summary: | This encodes a zinc finger protein with an N-terminal KRAB (Kruppel-associated) domain found in transcriptional repressors. This gene is located in a region of the X chromosome thought to be involved in nonsyndromic X-linked cognitive disability. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011] |

Product images:



Circular map for RC225172