

Product datasheet for **MR209930**

Zfp612 (NM_175480) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp612 (NM_175480) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp612
Synonyms:	B230354B21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209930 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGATCCCATCGTTTTGGCCCCAGAAGTCGGTGACCTTTGAGGACGTGGCTGTGTACTTCACCAGACGG
AATGGGATGGTCTGTCTCCTGGGCAGAGAGCGCTGTACAGGGATGTCATGCTGGAGAAGTATAGGAACCT
GGCCTCTGTAGGATTTCCACTTCTCAAACCTGCTGTGATCTCACAGCTAGAGGAACGAAAGGATCTGGAA
AACCTGTTTCAGCTGGCCACTGGAACGGACTCCCAGGGCCTCTGGACTGAATGTACTGCTGTCCAGTCCG
GCAATAATCTGACAAAAGAAGTGCATGAAGAAGAAAAGAGTACATTATTTGAACTTCAAGGACTTTTTC
TCAGGAAACAACTTTTCAAAAACGTATATTTGGGCCAACACAGGAAATCCGGTCAGCAGGAAGTGAG
AGGGGGAGTGCCAGTGCCACCGATGGAAGAGCTAAGGCGAGCTCTGTGGAAGGGTGTGTTTGTAGT
CTCCACAATTGTCCAGGATCATACCAGCTCCACTGGAGAGCTATATTCTGATACCAAATAGTAAAGAG
TGAAAGAATCACTACAGAGGAAAGACCTCTGAAACCCAGAGAATTAGCAGAGGCTTCTCAAGGCAGCCCT
CAAGTTAATCAGCTTCCAGAGATCTGTGATGTGGAGAAGCCCTACCAGTGTGCAGAAATGTGGCAAAGCCT
TCAGTGTTAAAGCCAAGTTCGTCTGGCATCAGAGACTTCATAATGGAGAGAAACCTTTCAATGTGTGGA
ATGTGGGAAGTGCTTACAGTACAGTTCCTACTACATCACACATCAGACAATCCACAGTGGAGAGAAGCCT
TATCAGTGAAGGTATGCGGCAAGGCCCTCAGTGTAAATGGAAGTCTCGTTAGACACCAGAGGATCCACA
CAGGAGAGAAGCCGTATCAGTGAAGGACTGCGGGGCTGGCTTCGGCTGCAGTTCGCGTACATTACTCA
TCAGAGAACCCACACTGGAGAGAAGCCTTACGAGTGTAGTGACTGTGGGAAAGCCTTCAATGTTAACGCA
AAACTGATTGAGCATCAAAGAATCACACTGGAGAGAAGCCTTATGAGTGCAGTGTGTGCGGGAAGGGCT
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GTGTGGGAAAGGCTTCACTAAAAATGCAAAGCTCATTCAACATCAGCGAGTGCACACGGGGGAGAAGCCC
TACGCCTGCAGTGACTGCGGAAAGACTTTCAGTGCCAAAGGGAAGCTGATCCAGCACAGAGGATCCACA
CGGGCAGCGCCGTATGAATGCAGTGAGTGTGGGAAGTCTTTCAGGTGTAATCCAGCTTCGGCAGCA
TCTGAGAATCCATACTGGGAGAGAAGCCATATAAGTGCAGTGAAGTGTGGCAAGGCCCTTCAACGTCAATGCG
AAGCTGATGCAGCACCGGAGAACCACACCGGGGAGAAGCCCTTCGAATGCAAGGAGTGCGGGAAATGCT
TTACTTCTAAAAGAACTGCTGGATCACCAGCGAGCCACACCGGAGAAAAGCCGTATCAATGTAGCGA
GTGTGGGAAAGCTTTCAGTATCAATGCCAAGTTAACCAGACATCAGCAAATACATACCAGGGAGAAGCCT
TTCAAGTGTATGGAATGCGAGAAAGCGTTCAGCTGTAGCTCTGACTATATTGTGCACCAGAGGATCCACA
CTGGAGAGAAACCTTTCAGTGTGGCAGTGTGGCAAAGCCTTCCACGTCAATGCTCACTTAATTAGACA
CCAGAGAAAGCCATACTGGGAGAAAACCTTTCGGTGCACAGAATGTGGCAAGGGCTTCAGCCTTAGTTTT
GACTGTATTATACATCAGACTGTCCATACTTGAAGAAAACCTATGTATGTAACGTATGTGGGAAAACCT
TCAGGTTTAGCTTCCAATAAGCCAGCACCAAGATGTTCACAATGAAGACAAATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209930 protein sequence
Red=Cloning site Green=Tags(s)

MIPSVWPQKSVTFEDVAVYFTQTEWDGLSPGQRALYRDVMLENYRNLASVGFPLLPKPAVISQLEERKDL
 NLFQLATGTDTSQGLWTECTAVQSGNNL TKEVHEEEKSTLFELQKDFSQETNFSKTYILGQQEIRSAGSE
 RGSASATDGRAKASSVEGCLFSQTPQLSQDHTSSTGELYSDTKLSKSERITTEERPLKPRELAEASQGSP
 QVNQLPEICDVEKPYQCAECGKAFSVKAKFVWHQRLHNGEKPFKCCEGKCFSYSSHYITHQTIHSGEKP
 YQCKVCGKAFSVNGSLVRHQRIHTGEKPYQCKDCGAGFGCSSAYITHQRTHTGEKPYECSDCGKAFNVNA
 KLIQHQRHTGEKPYECDVCGKGFRCSTQLRQHQSHTGEKPHRCSECGKFTKNAKLIQHQRVHTGEK
 YACSDCGKTFSAKGLIQHQRHTGERPYECSECGKSFRCNSQLRQHLRIHTGEKPYKCECGKAFNVNA
 KLMQHRRTHTGEKPFECGKCFSTRNLLDHQRAHTGEKPYQCECGKAFSINAKLTRHQIHTREK
 FKCMECEKAFSCSSDYIVHQRHTGEKPFQCGECGKAFHVNAHLIRHRSHTGEKPFRCCTECGKGFSLSF
 DCIIHQTVHTWKKPYVCNVCGKTRFRSFQLSQHQDVHNEKDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_175480

ORF Size: 2019 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_175480.3](#), [NP_780689.2](#)

RefSeq Size: 4902 bp

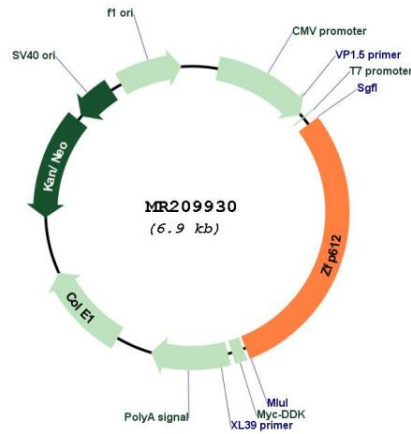
RefSeq ORF: 2019 bp

Locus ID: 234725

Cytogenetics: 8 D3

MW: 76.2 kDa

Product images:



Circular map for MR209930