OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR221773

Zfp692 (NM_182996) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp692 (NM_182996) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp692
Synonyms:	AI746306; AI839920; Zfp692-ps; Znf692
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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ORF Nucleotide Sequence:

>MR221773 representing NM_182996
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCTCCGGTGGCAGACGCATCCCGCCGCCGGCGGGAGAAGCGCAGGCAGCTGGACGCGCGCCGCA
GCAAGTGCCGCATCCGCCTGGGCGGCCACATGGAACAGTGGTGCCTCCTCAAGGAGCGGCTGGGCTTCTC
CCTGCACTCGCAGCTCGCCAAGTTCCTGTTGGACCGGTACACTTCTTCAGGCTGTGTCCTCTGTGCAGCT
CCAGAGCCTGGGCCTCGGAAGGGTCTGCAGTACCTGGTGCTCCTGTCTCACACACACAGCCGGGAATGCG
GCCTAGTGCCCGGGCTCCGGGGGCCTGGAGGTGGTGAAGGAGAGCTTGTATGGGAGTGCTCTGCGGGCCA
CACGTTCTCCTGGGAACCCTCTTTGATTCCTGCACCTTCAGATGTACCTAAGCAGGCCCCTCTCACACAC
ACCACAGAGAGAGCCTGGTGTTCAGAGGCCAGGAGGAAGCAGGAAGCCCAAGGTTTGGAATGTGAGCAGC
GAGAAAGGACTCAAGAAACCAGGCTGTCCAGGAGAGTAGATTCTCCATTGGAGATCGACCCACCTCTGGG
AGAGGATCAGGATGTGGAGGAGGAGGAGGAAGAAGAAGAGGAAGAGGAAGAGCTGCTCAGTGACGCCAGC
CCATGGACCTACAGCTCCTCCCCAGATGACAGTGAACCAGACGTCCCTAGGCCACCTCCGTCCCCTGTTA
CGCACACACCTAAGGAGGGAGAGGTCTCGCCAGTACCTGCAACTCTGCCCACTCCCTGTGCTGTTCTCGC
CTCCGTGGGTTCTCCAGATGCTCTGACATCAGATACTGAGGTGCGGCTGGAACTCAGCAGGACCCCTCAG
GTGCCTGCAGAGCTGCACATGACTGAGTCTCTGGAGAGCCCTGGGAGTCAGGCCCAGTCTGCTCCGAATC
CGACTTGGGATGAGGATACTGCCCAGATTGGGCTCAGGAGAATTAGGAAAGCTGCCAAAAGAGAGCTGAT
GCCCTGCGACTTCCCTGGCTGTGGAAGGATCTTCTCCAACCGGCAGTATCTGAATCACCACAAGAAGTAC
CAGCATATCCACCAGAAGTCGTTCTGCTGCCCTGAGCCAGCTTGTGGGAAGTCCTTCAACTTTAAAAAGC
ACCTGAAGGAGCATGTGAAACTCCACAGCGATACCAGGGACTACATCTGTGAATTCTGTGCTCGATCTTT
CCGCACTAGCAGCAACCTTGTCATCCACAGACGAATCCACACAGGAGAGAAACCCCTGCAGTGTGAGATA
TGTGGATTTACTTGCCGGCAGAAGGCCTCCCTAAACTGGCACCGACGCAAGCATGCAGAGACAGCAGCTG
CCCTGCGATTCCCCTGTGAATTCTGTGGCAAACGCTTTGAGAAGCCAGACAGTGTGGTAGCTCACTGTAG
CAAAAGCCACCCAGCCCTGCTCCCAGCACAAGAGCCACCTGGCTCTTTGGTGTCTAGTCCCAGCATTTCT
GCCCCTGAATCCCTGCAGTCTCCTGAGGGGGCTAGCATCTCTACCACTTCTGACTCTAATCCTGCCTCCT
CAACATCCATTTCTTCACCTGGGGTGCCAGACCCCAGGAACAGAGAGAAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221773 representing NM_182996
Red=Cloning site Green=Tags(s)

MASPVADASRRRREKRRQLDARRSKCRIRLGGHMEQWCLLKERLGFSLHSQLAKFLLDRYTSSGCVLCAA
PEPGPRKGLQYLVLLSHTHSRECGLVPGLRGPGGGEGELVWECSAGHTFSWEPSLIPAPSDVPKQAPLTH
TTERAWCSEARRKQEAQGLECEQRERTQETRLSRRVDSPLEIDPPLGEDQDVEEEEEEEEEEELLSDAS
PWTYSSSPDDSEPDVPRPPPSPVTHTPKEGEVSPVPATLPTPCAVLASVGSPDALTSDTEVRLELSRTPQ
VPAELHMTESLESPGSQAQSAPNPTWDEDTAQIGLRRIRKAAKRELMPCDFPGCGRIFSNRQYLNHHKKY
QHIHQKSFCCPEPACGKSFNFKKHLKEHVKLHSDTRDYICEFCARSFRTSSNLVIHRRIHTGEKPLQCEI
CGFTCRQKASLNWHRRKHAETAAALRFPCEFCGKRFEKPDSVVAHCSKSHPALLPAQEPPGSLVSSPSIS
APESLQSPEGASISTTSDSNPASSTSISSPGVPDPRNREKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9080_d01.zip

Restriction Sites: SgfI-MluI

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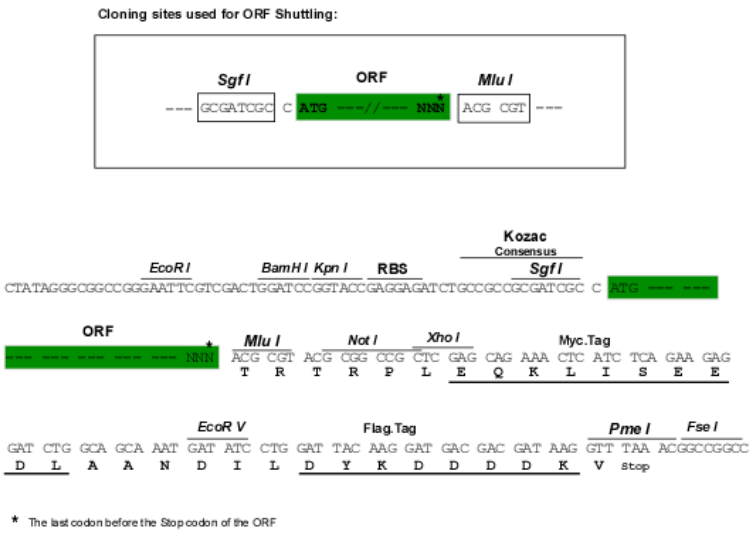
Cloning Scheme:



ACCN: NM_182996

ORF Size: 1593 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_182996.3, NP_892041.2

RefSeq Size: 1949 bp

RefSeq ORF: 1596 bp

Locus ID: 103836

UniProt ID: Q3U381

Cytogenetics: 11 B1.3

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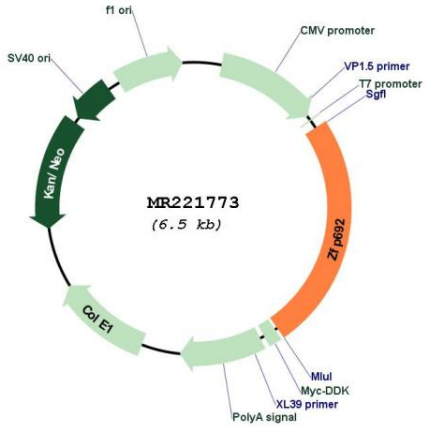
MW: 59 kDa

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

Product images:



Circular map for MR221773

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