

Product datasheet for **MR213817**

Zfp560 (NM_001004190) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp560 (NM_001004190) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp560
Synonyms:	2310030G09Rik; Znf560
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR213817 representing NM_001004190
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGCTATCAGTTTGTCTATGGTTTATTTCTAGGAACCCAAGCTACTTTCATAATGAAAAACAG
AGATGGAAAAGACGGTGTCTGACTGCTGGACAAGTAGTTACCAGGAGTCAGTGACCTTTGAGGATGTGGC
TGTAGACTTCACCCAGGAGGAATGGATTTTATTGGACACAAAACGGAACCTTACAGAGAGGTGATG
CTGGAGAACTACCAGAACCTGGCTACATTAGGATGTCAGCTCATCAAATCTAGATACAGCTTTTGTCTGG
AGGCTGAAGAGTTGAGAGTAGTCAAGAAAAGAGTTCACCAAGACTGGGCTATACAACTTAACCCAGAGG
GACAATGTTTCAGCGGGATATTTTTCAGTTAAAAATGTCAAATGAGATACAACCTGCCAAATAGCCACAAT
GGAAAGGAGCTCTGTGACATTAAGCCACCTGGAGAAATCATCAAAGAGCCTCCATGCAGTCTGACATACA
TAGGTATTGAAAACACAGGGAACATTTATGATTGTGTTCAAGTATGGACAGCTCTTCTCTGTTTGCCTAA
GGAGACTTCTCTGCAGACACTGGTCTGGATTACGCCAGTATGGAAAAGACTTCAGTATGATTGCAAGT
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GTCAGTCACTCCCTTCAGAGGCCTGGGGGAGTCAAGTGAAGACAACTCTCTGAGTCCGGTGCAGTGTGG
TGATACTTTTAGTCCAGCCTTGAGTCACTGAGAGTGTCAAACATGCACTGGAAAAAATCCTATGAA
TGTAAGGAATGTGGGAAGAGTTTAAATATTCTGCCAACCTTAATATTATATGCGTACTCACACTGGCG
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AATGACCCTTTTCGGGTTCACTGGAATAAACCCCTATAAATGTAAGGACTGTGGCAAAGCCTTTACCG
GGCGATCTGGCCTTAGTAAACATTTACCAACACATACTGGAGAGAAGCCTTACGAATGTAAGGAGTGTGG
GAAAGCCTTTCTTCAACCTCAGGCCTTATTAACATATGAAAAGTCACATGGGAGAGAGACCCTTTGAA
TGTGATCACTGTGAAAGCCTTTGCTTCTTCAACCTTATTACACATTTGAGAACACACACTGGAG
AGAAGCCCTTCGAGTGTCAAGTCTGTGGGAAGGCATTACATGTTCTTCTATCTTCAATTCACATGCG
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AAGTCACACAGGAGAGAAGCCATATGAATGTGACCAGTGTGGAAAAGCCTTTGCTTCTTCTCTATCTT
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GAAAACATTTGCTGTTTACTCTCATCTAAGTAAACATGTAAGGATTACAGTGGAGAGAAAGCCTTCACT
TGTAAGGATGATGGAATAGCCTTCACTCGTTCTCATCGTACAGAACACTTGAAGTCTTGAGATAAATT
CTTTTGTGGAGGAATGAAGAACTGCTTTAGAAAAGTCTATTGCTTTAACGGTGCATCCAATTCACA
ATGGCAAGAAAGCTTATCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR213817 representing NM_001004190
 Red=Cloning site Green=Tags(s)

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MEAIISLSYGLFSRNPYSYFHNEKTEMEKTVSDCWTSYQESVTFEDVAVDFTQEEWILLDTKQRNLYREVM
LENYQNLATLGCQLIKSRYSFCLAEELRVVKKRVHQDWAIQLNPRGTMFQRDIFQLKMSNEIQLPNSHN
GKELCDIKPPGEIIKEPPCSLTYIGIENTGNIYDCVQYQGLFPVCPKETSSADTGPGLRQYKDFSMIAS
TAYQTTCVQSKFIESSEFQQVFDSSQLQRPGGSHSEDKLSESVQCGDTFSPALSHAESAQTCTGKKSYE
CKEKGKSFKYSANLNIHMRHTHTGEKPYQCKEKGKAF SRCYPLTQHLKHTHEEKPFECKVCGKCFRNSCL
NDHFRVHTGIKPKYKCKDCGKAFTGRSGLSKHLPHTHTGEKPYECKEKGKAFPSTSLIKHMKSHMGERPFE
CDHCGKAFASSTLITHLRHTHTGEKPFECQVCGKAFTCSSYLRIHMRHTHTGEKPYVCKEKGRAFTERTSL
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CEECKGKAFVRSGLTKHIRTHTHTGEKPYNCKEKGKAFVSSHLSKHVRIHTHTGEKPYVCKEKGKAFVSSHLS
IAHLRIHTHTGEKPFECNECKGKAFVSSHLSKHVRIHTHTHTHTHTHTHTHTHTHTHTHTHTHTHTHTHTHTHT
CKSDGIAFSRSHRTEHLKSLKINSFVGGNEETALESSIALTVHPNSQWQESLSV
  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001004190

ORF Size: 2262 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_001004190.3](#), [NP_001004190.2](#)

RefSeq Size: 4732 bp

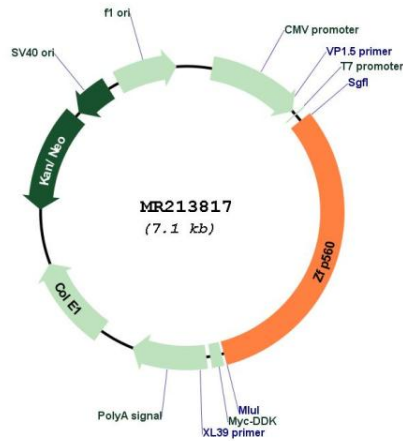
RefSeq ORF: 2265 bp

Locus ID: 434377

Cytogenetics: 9 A3

MW: 85.1 kDa

Product images:



Circular map for MR213817