

Product datasheet for **MC221192**

Zfp280c (NM_001166649) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp280c (NM_001166649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp280c
Synonyms:	BC028839; mKIAA1584; Suhw3; Zfp633; Znf280c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221192 representing NM_001166649
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATAAAGATAACTCTGTTCAAGAAAAAGATAATTCAAAAATGGCTGAACTTTTCATGGAATGTGAAG
AAGAAGAGTTGGAACCATGGCAGCAGAAAAGTAGAAGAAAAGTCAAAGTAAAGACGACGATGATGAGCTGAT
CTTTGTTGGAGAGATATCAAGTTCGAAGCCAGCCATTTCCAATATTTTGAACAGATGTAGCCCTGGTTCA
TCTTCAAAGGGACTAAAGAACGGTTCATTCATCCAGCTATTTCTAATATATTCAAGCCTACGAGTCAAC
ACTACAGAAAATCCATCATCGAATGCACTGGTTGCTTTGCCAAGCTTTTCATCCTGCTCTCAAATCTTCAGA
GAGTTCTGATGGTCAGACTGTGTCTAAACTTGACTTTACCAAGACTTCACCCCAAGAGGATTCCGGTGCT
TGTTCCGTCTCACAGTCAGACTCGACCAAGATATACCGTCTTCCAACATACTGCAACCGAGGACAGGTG
TCGATCAAACCTTAGGATTAACATCCTTCCACTTCAAAGTAAACAGTGTTAATCCAAAAAGCCAAA
GACGAGTGGCAGCATTCTGAAACACGCCCTTGCTCTTTCATCATCTTTCACAGACGGCCCTTCAGGGGCT
TCTTCCAAACTGTACTATCAAATGTGAATACCTCATCAGTTCAGTCTGCACCTGGATCATCTTCACTAA
GATCTTGTCCAAAGTGAATGTTAAGTTCGGACTTCTGGATCCTTTGAAGTGCCACATGAAGCGTTGCTG
CCCAGACATGATAAATAAGTTTCTGAAACTCTCAAGTCAGAAAATTCAAAGGCTGTAAGCAAAGCTACC
ACTGACTCAGATAAAGAAAACTGATCATGCTTGTGAGTATTTTATTATGGAAGACATGAAGGAACTA
TTGAGGAAAGCCAGAAGACTCACACCCTTTTAAATGTTTCAGTTGCACAAAAGTTCTCAAAAATAATAT
TAGGTTTATGAACCACATGAAACACCCTTGAAGTTCGAAAGCAGAACACGAGACCTGGGAAAGCCAT
ACTACATGCCAACACTGCTACCGCAGTACCCCAACCCCTTCCAGCTCCAGTGCCACATTGAGAGTACAC
ATACTCCTCATGATTTTTCTACTATTTGCAAGATCTGTGAATTGTCATTTGAAACAGACATATGCTTTT
ACAACACATGAAGGATACTCATAAACCTGGTGAATGCCATATATTTGCCAGGTTTGCCAGTTTAGATCA
TCAATATTTTCTGATGTAGAAACTCACTTCAGATCATCTCATGAAAACACTAAGAAGTTCATGATGCGCT
TTTGCCTCAAAGTTAGTAGAATGGCAACCCCTTATATGAATCACTACATGAGACATCAGAAAAAGGAAT
TTATCGTTGCCGAAATGCAGACTACAATTTTGGACCTCAAGGAGAAAAACAGAACATAAGTTAGAACAT
CGCACATTTATAAAGCCTAAAGAACTAGAGGGATTGCCTCCTGGGACAAAAGTTATTATTCGAGCTTCAT
TAGGATCTAGTCAGTCAAGAGCCTCAAGCCACCTTCTAGTACCATCCCAAGCACTTCTCTTCAGCTCTC
AGTTCCAAAGTCTAAAAGTACAACACTAAGAATAACTCAAAGTATCTGCAAATAAAGCTACCACCACT
AGCCCTCAAACAGTTGCAACCACAACCTGGTAAGCCAGTCAAGTAAGCCAGGTACGGGACAACCTAAAT
CCAAAGCCAAGCCCTCCTACAAGCAAAGAGACAACGCACCAGGAAAAACAAATTCAGCATAGATCTGAA
GAACCTAAGGTGTACCAGGGAAGTACATGTGTATTGAGTGCCGTTCCAAAATAAAGATTTTTCAAGC
CACTTTTCTACACATATAAATTGTGATTTTTGCAAGTATACCACTAACTGTAACAAAGCCTTTACAATC
ATATGAGCTCTCACAATGACCACCAAGTAAGCAGCTTTATATTTTAAAGAAAGCAATCACGAGCTCGCAG
GGGCATCACTCTAGTGTGCCTTAAATGTGACTTCTAGCCGATACTTCTGGCTTAGACCGTATGGCTAAA
CACTTAAATCAACGTAAAACCTACTTGGCAAGTTGTAATAGAGAATGTTACCGAAAGAGCCGTAACCT
CTGAATCCGCTTCTGATGGCTTGTCAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1611_b06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001166649

Insert Size: 2202 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001166649.1 , NP_001160121.1
RefSeq Size:	4056 bp
RefSeq ORF:	2202 bp
Locus ID:	208968
UniProt ID:	Q6P3Y5
Cytogenetics:	X A5
Gene Summary:	May function as a transcription factor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) contains a different segment for its 5' UTR and uses a different splice site in the 5' coding region, compared to variant 1. The resulting protein (isoform 2) has a shorter N-terminus when it is compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.