

Product datasheet for **MR213770**

Zfp512b (NM_001164597) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp512b (NM_001164597) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp512b
Synonyms:	Gm632; Znf512b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR213770 representing NM_001164597
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGAATCCTTTTGTGTTGGAGGAGCCGTCGGCTTCAAGGATCCAGCAAAGTGGACCTGGAAGG
 GAGGCAGCCGGAAGGAGGCCAACTTCCCTTGTGCGAGGACCCACCAAAGCTAGGGATGCCAGTGGTCCA
 CAGTGGACATACAGTGCCTAGCCAGGCCCACTCTGCTTTGACCTTGAAACTCAGCCAGTGACAAGACA
 GAAGGGAAGAAAAAGGAGGCCGAAAGCCGAGAACCAAGCTCTCCGAGATATTCCTCTCTCTGTATGA
 ACCAGTGGAAAGATGAATCAAGGCACACTCAAGGGTGAAGTGTCCAAACTCAGGGTGTGGCTAGAGTT
 CCCCAGCATCTATGGCTCAAGTACCCTATCAGCGGTGCCAAGGGGTGCTATCTCAGATAGGCTGGCC
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 ACATGGACCACCCCTACCTGCCCAAGCCTGGCCAGTCAGCCGGCCGGTACCATCAGCCGGCCTGT
 TGGGGTCAGCAAGCCCATCGGAGTGAGCAAACCTGTTACTGTTGGCAAACAGTGGGTGTAGCAAGCCC
 ATTGGCATCAGTAAGCCAGTCACAGTCAGTAGGCCTATACCAGTACCAAACCTGTCACAGTCAGTAGGC
 CCATGCAAGTCTCTAGGCCTGTGCCAGTCACCAAGCCATCCCAATTACCAAACCTGTGCCACTCACAA
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 GCAAAATGGTGTGTGTCCAACTGAGAACAAAACACTTCGTGCTACAGGCAAGAAGCAATAAGAA
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 CTTGAAAGGTGCTGAAGCAGATGGGAAGGCTGCGCTGCCCCAAAGGGCTGTGGGGCTGCCTTCTCCA
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 AGGAAAGAAGCGGGCCGAAACCAAGGAACGATCCTCCGAGGAGCCAGCATCTAAGCTCCCCCTAAC
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 GGAAGGCACCTGAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR213770 representing NM_001164597
 Red=Cloning site Green=Tags(s)

MTESEFCVGGRRLLQGSSKSGPGKGGSRKEAQLPLLQDPPKLGMPVVHSGHTVPSQAPLCFDPGNSASDKT
 EGKKKGRPKAENQALRDIPLSLMNQWQDEFKAHSRVKCPNSGCWLEFFPSIYGLKYHYQRCQGGAIHDRLA
 FPCPFCEAAFTSKTQLEKHRIWNHMDHPLPAPKPGVSRPVTISRVPVGVSKPIGVSKPVTVGKPVGVSKP
 IGISKPVTVSRPIPVTKPVTVSRPMQVSRPVVTKPIPIITKPVPLTKHMPVTKLTVVSKPVPLTKPVVVS
 RPIVVSVPVSRPIAISRHIPPCKMVLVLSKSENKTLRATGKNSNKKRAADSLDTCPILSKQARPENGAY
 GPSSMDQSVTFPLSTDPSSGRPLMGKEALRPIGPVVSQPEEDPERTKHRRKQKTPKKFTGEQPSISGTFGL
 KGLAKAEDKARVHRSKKQEGSGSEEVKRVLATPVTVSKEAPTPVAHPAPGGPEEQWQRAIHERGEAVCP
 TCNVVTRKTLVGLKKHMEVCHKLQEALCQHCRCQFQKSKAGLNYHTMAEHSKAPTDAAESEGGQEERER
 LRKVLKQMGRRLCPQEGCGAAFFSSLMGYQYHQRRCGKPPCEVDSPSPFCTHCGKTYRSKAGHDYHVRSEH
 TAPPPEDPTDKIPEADLLGVERTPSGRIRRTSAQVAVFHLQEIAEDELARDWTKRRMKDDLVPETARLN
 YTRPGLPTLNPQLLEAWKNEVKEKGHVNCPNDCEAIYASVSLKAHLASCCKGDHLVGKYRCLLCPKEF
 SSESGVKYHILKTHGENWFRTSADPSSKHSQDSLMPRKEKKKSLSGGKKRGRKPKERSSEEPASKLPPN
 RDDWPPGGRDRGSRSSSTGKKAGAGKAPEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

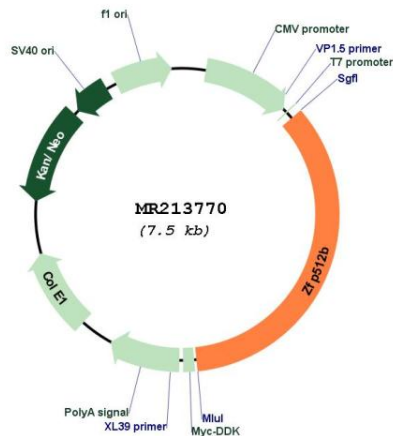
SgfI-MluI

Cloning Scheme:



ACCN:	NM_001164597
ORF Size:	2607 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:	<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:	<u>NM_001164597.1, NP_001158069.1</u>
RefSeq Size:	5390 bp
RefSeq ORF:	2610 bp
Locus ID:	269401
Cytogenetics:	2 H4
MW:	95.3 kDa

Product images:



Circular map for MR213770