

Product datasheet for MR220984

Xirp1 (NM_011724) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Xirp1 (NM_011724) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Xirp1
Synonyms: AI415219; Cmya1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220984 representing NM_011724
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCTGATGCCAGATGCAGGTAGCTCCTACACCAACCATCCAATGAGGACAGAAGAGGACCTGTCCC
 TCCCTCATCCCTCAGCCCCAGAGGGTCTGCCGCCACCACCCCCAAAGAAACCTTCTCCAAGTTCAGCA
 GCAGCGCAAGCCAGTGCAGTCCGGCTCTACAAACACATCCACCCTGAGCTTCGGAAGAACCTCGAG
 GAGGCTGTGGCTGAGGACCTGGCGGAGTCTCGGTTCCGAGGAGCCACTGAGGGCGATGTTCACTGTA
 TGGCTGGATCTTTGAGAACTGGCGCTAGATGCCATTGGCGATCACGAGAGCCGGCTGCCAGGGAACC
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 CAGGAGCCGGAGGACTCCGGCCATCAGGGGTGATGTCCAAGCTGCCAGACAGATGTTTGAACCAAGC
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 TTCAACCAGGACCCAGCCAGGTGCGGGTATTGCGGGGATCTCCCTTGAGGAGGGAGCCCTGCCGGATG
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CAGGACAGCAGGGGACAGCTTCATGCCCTGACTTCTGTGTCAGCAGAGAGCAGGTAGTTGGAGGTGATGTTCC
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TTCTGGACCTGCTACTGAGGAGTCCCAGAGGGTCCCCAAACTGAGAGCATCATAATGTTACCCCATTA
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ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR220984 representing NM_011724
Red=Cloning site Green=Tags(s)

MADAQMQVAPTPTIQMRTEEDLSLPHPSAPEG LPPPPPKETF SKFQQRQASELRRL YKHIHPELRKNLE
 EAVAEDLAEVLGSEEPTEGDVQCMRWIFENWRLDAIGDHERPAAREPVS GGNVQATS SRKFEEGSF TNSSD
 QEPEGLRPSGGDVQAARQMFETKPLDALRGQEEATQTTMREPAATGDVQGTRKLFETRPLDRLGSRPSIQ
 EQSPLELRSEIQELKGDVKKTVKLFQTEPLCAIQDAEGTIEVKAACREEIQSNAVRSARWLFETRPLDA
 FNQDPSQVRVIRGISLEEGALPDVSATRWIFETQPLDAIREIEVDEKDFQPSDLIPPGPDVQHQRHLFE
 TCSLDTLKGERETEAEVPPKEEVIPGDV RSTLWLFETKPLDAFRDQVQVGH LQRVGHQEGEGLVTECLPS
 NGTSVLPLSQGVPQNDGLKGDVKT FNLFETLPLDSIGQGEPSAYGNINRGQNTDSAEQSQGS DAPVYAM
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 QPLEMIHQEQKPEEEEEKGP GPPPEL PPKGDVQTI R WLFETYPMSE LAEKRESEVTPVSKAETQSC
 TWMFGPQSLNPAEGSGEQLQTSQVPAGDRQTD R HVFETESLPASNQSSGRKPVRYCSRVEIPSGQVSRQ
 KEVFQALEAGKKEVPETTINLGS IPTGSVHKFTWL FENCPMGLAAESIRGDNLQEEQPKGSAGHGTPER
 QETA AERTLR TLHATPGILHHG GILMEARGPGELCLAKYVLPSPGQGRPYIRKEELVCGELPRIVRQVLR
 RTDVDQQLLVQEDTAGQLQLHPLTLPGPGDPGNIEDMDPELQQLLACGLGVS VSKTGLVMQETGQGLVA
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 DSTMEMGQLRISGSTPCPPPSRAAGKVLPNGKPV AQAPLQEARKKTDISHAGQKGKAASGRPEGTIASP
 LGSGAPDLQEAMQNLRLATAEAQSLHQVLSRHPQGS DVPVATSM PVQDVLQASTPATGVTQGSIRPVAGS
 EARIPAFPRKLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9095_b07.zip

Restriction Sites: SgfI-MluI

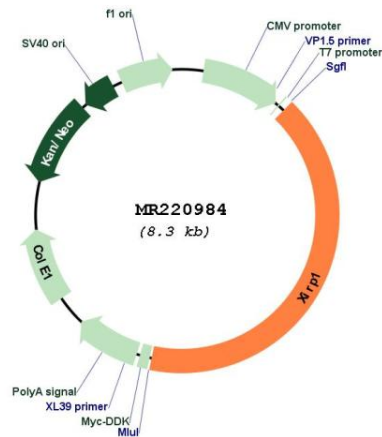
Cloning Scheme:



ACCN: NM_011724

ORF Size: 3396 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_011724.3</u> , <u>NP_035854.3</u>
RefSeq Size:	5839 bp
RefSeq ORF:	3399 bp
Locus ID:	22437
Cytogenetics:	9 F4
MW:	123.7 kDa

Product images:


Circular map for MR220984