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Product datasheet for MC224436

Tecpr2 (NM_001081057) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tecpr2
Synonyms:	4930573I19Rik; AI604920; mKIAA0297
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC224436 representing NM_001081057
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATCGGTATCAGACCCTGTAACATTCCGAGAATTCTGCCCTTTGTACTATCTCCTCAATGCCATCC
CCACAAAGATCCAGAGAGGCTTTCGCTCTATTGTGGTCTACCTCACAGCCCTGGATACCAACGGGGACTA
CATTGCAGTGGGCAGCAGCATCGGCATGCTCTACCTGTACTGCCGGCACCTCAACCAGATGAAGAAGTAC
AACGTCGATGGGAAGATGGAGTCTATCACTGTGGTGAAGCTGCTGAGCTGCTTTGATGACCTTGTTGCAG
CAGGCACTGCCTCTGGGAGGGTTGCAGTTTTCCAGCTTGTGTCTTCATTGCCAGGGAGGAACAAGCAGCT
GCGGAGATTTGATGTCACTGGTGTTCACAAGACCAGCATCACAGCGCTGGCGTGGAGCCCCAATGGGATG
AAGCTGTTCTCTGGAGACGACAAAGGAAAGATCGTCTACTCTTCTCTAGATCTAGACCAGGGTCTCTGCA
GCTCACACCTTGTGTTAGAAGAGCCGTCCTCCATTGTGCAGCTGGACTACAGCCAGAAAGTGCTGCTTGT
GTCCACCTTGCAGCGAAGCCTGCTTTTTTACACAGAGGAGAAGGCAGTCAAGCAGATTGGATCCCAACCA
AGGAAAAGTACTGGGAAATTTGGTGCTTGTTTTATACCAGGACTGTGTAAGCAAAGCGATCTAACCCTGT
ATGCAGCCCGGCCTGGGCTCCGGCTGTGGAAGGCTGATGTCCATGGGACCGTTCAAGCCACATATATCCT
CAAGGATGTCTTTGCTGGCGGAGTCACACCTTTTGAGCTCTACCCTCGTCTGGAGCCCTCTGATGGGGGA
AGCTGCATCTCGCCTGAGAAACACCTGGGGCTCGTTTCCTGCTTCTTCCGAGAAGGCTGGGTGTTGAGCT
GGAATGAGTACAGTATCTATCTTCTGGACACCGTCAATCAGGCCACAGTTGCTGGTTTGGAAGGACTGGG
TGATATTGTATCTGTTTCCTGCACAGAAAATGAAATATTTTTCCTAAAGGGAGATAGGAACATTATCAGG
ATTTCAAGCAGACCTGAAGGAATCGCATCCATAGTGAGAGACGGTCTGGAGATGACAAGATGCTCTGAGC
AGGTCCATGGCCAGCATCTGGAGAAGTCACTGGGGGCCACTGTTTGTGAGACAAGGCTTCGAGGCTCTTC
TGTGGCAAGTTCCGTGGCCAGTGAGCAACGGAGCAGGAGCAGTTCACTCAACTCCACGGACAGTGGCTCT
GGACTACTGTTGCCTGGACTTCAGGCTGCTTCTGAGCTGGGCCAGAGTGGTCAGCCATCCTCCCAGAGAT
TCAGTGTCATCAGCTCTGAAGACTTTGACCAGGAGCTTATTGTGAAACCTATCAAAGTGAAGAAGAGGAG
GAGGAAGAGAAAGACAGAAGGTGGAAGCAAGAGCACCTGCCCCAGTTCCCTCGAGTCAACCCCCTGCTCC
GAGCTCCCTGCCGACAGCCCCCAGTCCCTGAACACAGACCTCTTGTCCATGACCTCAAGTGCTCTGGGCA

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GTAGTATGGATCAGCTAAGCACAGAATCTCCAGAGCAGGAGAGCAACCTCGGGGGTGAGGTGAATGGAAT
CTCACAGGAAAACAGTGGTCCTGAAGCGTTCCATGTCCTAGAGCTGCCTGGCCCTGCCCCTGGCCCTGCC
TCTACCCCCACGGATGAAGAAAACTGCACTGGGAAGGAAGCGTCCCAGTGTAGCCACACACAGGACACAG
ACCTGCTCAGTGGAGTGCTGACTTTACCCTTGCAGCCAGAGGAGGATGTGGGAGGTGCTGACATCATCTC
AGGCCTTGATGAGCAGCCTGGTCCTGCTGCTGATGCAGCAGTACATACAGAGTTCTGCCTGCGGGGACAG
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CTCCTCTTCTGGACTCAAGTATGCTGCCTTCCAGCCTCAGCTGGCCCCCAGGTGCTGAGCAGTGGCTGCC
TGGGATTGGAGTGTATGACATCACCACCGAGACGGCCAGCCCAGAAGCAGACATCCTGACCCATGTGGCG
GTCCCTAGCCACCTGAGCTCAAATCCTTGGCATTTACTAACTGACAGTAACACAGGTCAGAAGGAAACAC
CCACTTTTCAATGTGACATGGGAAATGTGGAAGGACAGGTGACTCCTCTTGCCTCTGCCTCAGTGGCCAG
CACCCATGCACATTGGCTGGACCAACCTTTCCAGGATCAGGCAGTGACATCCAGTGATGAGGAAGACATT
TATGCCCACGGACTCCCATCTTCATCCTCAGAGACAAGTGTCACAGAGCTTGGAGCTGGTCGCTCTCTGC
AGGACCTGAGCCAACCAGGTGCTGAGGAAACCACCCTGCTCAAGGCAGATCAGTTTGCAGAGAGCTGGAT
GGGCTACTCGGCTCCTGGCTATGGCATCCTCAGCTTGGCGGTCTCGGAAAAGTTTCTCTGGTGCCTGGAC
TACAAAGGTGGCCTGTTCTGCAGTCCCCTGCCTGGTGCAGGGCTGCGCTGGCAGAGGTTTGAAGATGCTG
TCCAGCAGATGGCAGTCTCTCCCTCAGGGGCTCTTCTCTGGAAGATTGAACAGAAATCTAACCGTGCTTT
TGCTTGTGGCAAAGTCACCATCAAGGGGAAGCGGCACTGGTACGAGGCTCTGCCCCAGGCTGTGTTTGTG
GCCCTGAGTGATGACACAGCCTGGATCATCAGGACCAACGGAGATCTGTACCTTCAGACAGGTCTCAGTG
TGGATCGGCCCTGCGCCCGAGCCGTGAAGGTGGACTGTCCATACCCACTGTCCCAGATCGCAGCCCGGAA
CAGTGTGGTGTGGGCACTGACAGAGCAGAGGGCCCTCCTGTACCGGGAGGGTGTGAGCAGCTTCTGTCCT
GAGGGGGAGCAGTGGAAGTGTGACATTGTCAGTGAAAGGCAAACTCTGGAGCCTGTCTGCATAACTCTTG
GAGATCAGCACACACTCTGGGCCCTGGACATTCACGGGAAGCTGTGGTTCAGAACTGGCGTGGTTCCCAA
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AGCTTGTTCCAGACCATCATGCATGCCACACACTCGGTAGCCACAGCAGCCCAAGCCCCTGTGGAAAAGG
TCGCAGATAAACTGCGCATGGCGTTTTGGTCTCAGCAGCTTCAGTGCCAGCCCAGCCTACTAGGGGTTAA
CAAGAGTGGTGTGTGGATCTCCTCAGGGAAGAATGAATTCCATGTTGCTAAAGGAAGTCTCATAGGAACT
TACTGGAATACCGTTGTTCCCCGGGGAACAGCTTCTGCCACAAAATGGGCTTTTGTGTTGGCTTCTCCTG
CTCCCACCCAGGATGGAAGCTCCTTATGGCTATGCCAGAGCAGCAAGGACCTGTGTATCATCAGTGCCCA
GAATGTACAGTGCCGCCCCTCCACAGTGCAGCTGCCCCCCGATGCAGAGATGAGAACCTATGCTGCCTGC
CAGGATGCACTATGGGCCTTGGACAGCCTTGGGCAGGTGTTCATCAGGACACTTTCCAAGAGCTGCCCCA
CAGGCATGCACTGGACGAAACTGGACCTTTCCCAGCTAGGAACTGTGAGACTGACCAGCTTGGCATGTGG
AAATCAGCATATCTGGGCCTGTGACTCCAGGGGTGGGGTTTACTTCCGTGTTGGAACCCAGCCTCTGAAT
CCCAGCCTGATGCTTCCAGCCTGGATCATGATTGAGCCACCTGTCCAGCTTGCTGGGGTCACTTTGGTCA
GCGTCCATTCTAGCCCCAATGACCAGATGTTGTGGGCCCTGGATAGCAGATGGAATGTGCACGTGCGAAC
TGGAATCACTGAGGAGATGCCTGTGGGGACAGACTGGGAGCATGTGCCAGGATTGCAGGCCTGCCAGTTG
GCACTGAGCACCAGGACCGTGTGGGCCCGCTGTCCAAATGGTGACCTTGCCCGCCGCTATGGCATCACAG
ACAAGAATCCTGCTGGGGACTACTGGAAGAAAATTCCAGGAAGTGTGTCCTGTTTCACAGTGACCTCATC
AGATGAGCTGTGGGCAGTGGGCTCCTCTGGCTGTCTCCTTCAGCGACTGACAAAGACGTTCAGCCATTCA
CACAACCCCCAGAACAGCCAGGTGGCCAGCTCCCACCCTGAGGAACTGGAGGAGGAGTGGGAGGTCATCT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081057

Insert Size: 4272 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001081057.2, NP_001074526.1
RefSeq Size:	7830 bp
RefSeq ORF:	4272 bp
Locus ID:	104859
Cytogenetics:	12 F1