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Product datasheet for MC229320

Tecpr2 (NM_175336) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tecpr2 (NM_175336) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tecpr2
Synonyms:	4930573I19Rik; AI604920; mKIAA0297
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229320 representing NM_175336 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGACAAGATGCTCTGAGCAGGTCCATGGCCAGCATCTGGAGAAGTCACTGGGGGCCACTGTTTGTGAGA CAAGGCTTCGAGGCTCTTCTGTGGCAAGTTCCGTGGCCAGTGAGCAACGGAGCAGGAGCAGTTCACTCAA CTCCACGGACAGTGGCTCTGGACTACTGTTGCCTGGACTTCAGGCTGCTTCTGAGCTGGGCCAGAGTGGT CAGCCATCCTCCCAGAGATTCAGTGTCATCAGCTCTGAAGACTTTGACCAGGAGCTTATTGTGAAACCTA TCAAAGTGAAGAAGAGGAGGAGGAAGAGAAAGACAGAAGGTGGAAGCAAGAGCACCTGCCCCAGTTCCCT CGAGTCAACCCCCTGCTCCGAGCTCCCTGCCGACAGCCCCCAGTCCCTGAACACAGACCTCTTGTCCATG ACCTCAAGTGCTCTGGGCAGTAGTATGGATCAGCTAAGCACAGAATCTCCAGAGCAGGAGAGCAACCTCG GGGGTGAGGTGAATGGAATCTCACAGGAAAACAGTGGTCCTGAAGCGTTCCATGTCCTAGAGCTGCCTGG CCCTGCCCCTGGCCCTGCCTCTACCCCCACGGATGAAGAAAACTGCACTGGGAAGGAAGCGTCCCAGTGT AGCCACACACAGGACACAGACCTGCTCAGTGGAGTGCTGACTTTACCCTTGCAGCCAGAGGAGGATGTGG GAGGTGCTGACATCATCTCAGGCCTTGATGAGCAGCCTGGTCCTGCTGCTGATGCAGCAGTACATACAGA GTTCTGCCTGCGGGGACAGAACAGCTCTGCTGAGGAGCAGGAGGCAGACACCATGGAGTTCAGTGACCCC CAGAGCACGTTTTCTGAAGCTCCTCTTCTGGACTCAAGTATGCTGCCTTCCAGCCTCAGCTGGCCCCCAG GTGCTGAGCAGTGGCTGCCTGGGATTGGAGTGTATGACATCACCACCGAGACGGCCAGCCCAGAAGCAGA CATCCTGACCCATGTGGCGGTCCCTAGCCACCTGAGCTCAAATCCTTGGCATTTACTAACTGACAGTAAC ACAGGTCAGAAGGAAACACCCACTTTTCAATGTGACATGGGAAATGTGGAAGGACAGGTGACTCCTCTTG CCTCTGCCTCAGTGGCCAGCACCCATGCACATTGGCTGGACCAACCTTTCCAGGATCAGGCAGTGACATC CAGTGATGAGGAAGACATTTATGCCCACGGACTCCCATCTTCATCCTCAGAGACAAGTGTCACAGAGCTT GGAGCTGGTCGCTCTCTGCAGGACCTGAGCCAACCAGGTGCTGAGGAAACCACCCTGCTCAAGGCAGATC AGTTTGCAGAGAGCTGGATGGGCTACTCGGCTCCTGGCTATGGCATCCTCAGCTTGGCGGTCTCGGAAAA GTTTCTCTGGTGCCTGGACTACAAAGGTGGCCTGTTCTGCAGTCCCCTGCCTGGTGCAGGGCTGCGCTGG CAGAGGTTTGAAGATGCTGTCCAGCAGATGGCAGTCTCTCCCTCAGGGGCTCTTCTCTGGAAGATTGAAC

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AGAAATCTAACCGTGCTTTTGCTTGTGGCAAAGTCACCATCAAGGGGAAGCGGCACTGGTACGAGGCTCT
GCCCCAGGCTGTGTTTGTGGCCCTGAGTGATGACACAGCCTGGATCATCAGGACCAACGGAGATCTGTAC
CTTCAGACAGGTCTCAGTGTGGATCGGCCCTGCGCCCGAGCCGTGAAGGTGGACTGTCCATACCCACTGT
CCCAGATCGCAGCCCGGAACAGTGTGGTGTGGGCACTGACAGAGCAGAGGGCCCTCCTGTACCGGGAGGG
TGTGAGCAGCTTCTGTCCTGAGGGGGAGCAGTGGAAGTGTGACATTGTCAGTGAAAGGCAAACTCTGGAG
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CTTTCCAAGAGCTGCCCCACAGGCATGCACTGGACGAAACTGGACCTTTCCCAGCTAGGAACTGTGAGAC
TGACCAGCTTGGCATGTGGAAATCAGCATATCTGGGCCTGTGACTCCAGGGGTGGGGTTTACTTCCGTGT
TGGAACCCAGCCTCTGAATCCCAGCCTGATGCTTCCAGCCTGGATCATGATTGAGCCACCTGTCCAGCTT
GCTGGGGTCACTTTGGTCAGCGTCCATTCTAGCCCCAATGACCAGATGTTGTGGGCCCTGGATAGCAGAT
GGAATGTGCACGTGCGAACTGGAATCACTGAGGAGATGCCTGTGGGGACAGACTGGGAGCATGTGCCAGG
ATTGCAGGCCTGCCAGTTGGCACTGAGCACCAGGACCGTGTGGGCCCGCTGTCCAAATGGTGACCTTGCC
CGCCGCTATGGCATCACAGACAAGAATCCTGCTGGGGACTACTGGAAGAAAATTCCAGGAAGTGTGTCCT
GTTTCACAGTGACCTCATCAGATGAGCTGTGGGCAGTGGGCTCCTCTGGCTGTCTCCTTCAGCGACTGAC
AAAGACGTTCAGCCATTCACACAACCCCCAGAACAGCCAGGTGGCCAGCTCCCACCCTGAGGAACTGGAG
GAGGAGTGGGAGGTCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175336

Insert Size: 3171 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_175336.3, NP_780545.2
RefSeq Size:	7955 bp
RefSeq ORF:	3171 bp
Locus ID:	104859
Cytogenetics:	12 F1