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Product datasheet for MC223993

Trerf1 (NM_001097623) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trerf1 (NM_001097623) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trerf1
Synonyms:	9430096I18Rik; AI429294; B830015H24; RAPA; Trep-132; Trep132
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223993 representing NM_001097623 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGGGACCAGCAACTGTACAAGACCAATCACGTGGGCCACGGTGGTGAGAACCTCTTCTATCAACAGC CACCCCTTGGTGTCCACAGTGGGCTGGGCCACAGCTATGGGAATACAATCTCTGGGGCTGGGATGGACGC CCCGCAGGCCTCACCCATCTCGCCTCACTTCCCTCAAGATACTCGGGATGGTCTCGGCTTGCCTATTGGC TCCAAAAACCTTGGCCAGATGGATACCTCCAGGCAGGGAGGATGGGGAAGCCATGCAGGGCCTGGGAACC ACGTCCAGCTTCGTAGCAACTTGGCCAACTCAAACATGATGTGGGGGACGCCCACCCAGGTGGAGCCCGC TGATGGCTACCAATACACTTATTCCCAGGCCAGCGAGATCCGGACCCAGAAACTCACCAGTGGTGTTTTG CACAAGCTGGACTCTTTCACCCAGGTATTTGCCAACCAAAACCTGCGGATTCAGGTCAACAATATGGCCC AGGTGCTGCACACCCAATCAGCGGTGATGGATGGAGCCTCCGACAGTGCCCTCCGTCAACTGCTGTCTCA GAAGCCCGTGGAGCCCTCAGCATCAGCTATAGCTTCCCGCTACCAGCAGGTGCCCCAGCAGCCTCACCCT GGCTTCACGGGTGGACTGCCCAAACCAGCCCTTCCAGTCGGGCAGCACGCTCCCCAAGGGCACCTGTATT ATGACTACCAGCAGCCCCTGGCCCAGATGTCCATGCAAGGAGGACAGCCACTGCAAGCCCCTCAGGTGCT GTCCGGCCATATGCAACAATTGCAGCAGCACCAGTATTACCCACAGCCGCCGCCTCAGCAGCAGCAAGCC GGACTGCAGCGGATCTCTGTGCAGGAGATGCAGCAGCAGCAGCAGCCGCAGCAAATTCGCCCCTCACCAC CTCAGCAGCAGCAGCAGCTCCAGCTGCAGCAGCGGCAGAGTTCACTGCAGATACCTCAGTATTATCAGCC CCAACCCATGATGCAACACTTGCAAGAGCAGCAGCAGCCATCCATGCACCTGCAGCCACCCTCATACCAC AGGGACCCTCATCAGTATACCCCGGAGCAGGCACACGCTGTCCAGCTGATCCAGCTGGGCTCTATGCCCC AGTATTACTATCAGGAGCCTCAACAGGCCTATAGCCACCCCCTCTACCCGCAGAGCCACCTGTCCCAGCA CCAGCAGCGTGAAGACGGTCAGCTGAAGACATATTCTAGTGACAGACAGACCCCGGCTATGCTGAGCTCC CATGGGGACATGGGAACTTCTGATACAGGAGTGGCAGATCCAGCCAGCTCAGAAATGACTCGGGTCACTA GTACTCTTCCTCACCAACCGCTCCTGTCCCCCAGTGGGATCCACCTCAACAACATGGGGTCTCAGCATCA ACAGCCGCCATCTCCCAGTGCGATGTGGCCCCAGATGCACTTACCTGATGGGAGAGCCCAGTCCGGATCC CCGGAATCAAGCAGCGGCCAAACCAAAGGAGTGTTTGGGGAACAGTTTGATGCCAAGAACAAGCTGACAT

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GCTCCATCTGCCTGAAGGAGTTCAAAAGCCTGCCCGCCCTGAACGGCCACATGCGGTCCCACGGGGGGAT
GAGGGCGTCCCCCAGCCTCAAACAGGAGGAAGGAGAGAAGGCCCCACCGCCTCAGCCTCAGCCCCAGCCT
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GCCCGAGCTGCTGCCCCTGGACCAACTGAGTCTGATGAAGCCAGTCAAGGACGTGGACATCCTGGATGAC
GATGTGGTCCAGCAGTTAGGCGTCATGGACGAGGCCGAGGTGGTAGGCACGGATCTTCTCTTGGACGACC
AAGATTCGGTTTTGCTTCAGGGTGATACAGAACTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001097623

Insert Size: 3678 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.
RefSeq:	NM_001097623.1, NP_001091092.1
RefSeq Size:	4560 bp
RefSeq ORF:	3678 bp
Locus ID:	224829
UniProt ID:	Q8BXJ2
Cytogenetics:	17 C
Gene Summary:	Binds DNA and activates transcription of CYP11A1. Interaction with CREBBP and EP300 results in a synergistic transcriptional activation of CYP11A1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer 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.