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Product datasheet for RN217598

Mink1 (NM_001271136) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mink1 (NM_001271136) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mink1
Synonyms:	MEKKK 6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217598 representing NM_001271136 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGCGACCCAGCCCCCGCCCGAAGCTTGGACGACATCGACCTGTCTGCCCTGAGGGACCCTGCAGGAA TCTTTGAGCTGGTGGAGGTGGTTGGCAATGGAACCTATGGACAGGTGTACAAGGGGCGGCACGTCAAGAC TGGGCAGCTGGCTGCCATTAAGGTCATGGATGTCACAGAGGATGAGGAGGAAGAAATCAAACAGGAAATC AACATGTTAAAGAAGTACTCTCACCATCGCAATATTGCCACCTACTACGGGGCCTTCATCAAGAAGAGCC CTCCTGGGAACGATGACCAGCTCTGGCTGGTGATGGAGTTCTGTGGTGCTGGCTCAGTGACCGACCTGGT AAAGAACACGAAAGGAAACGCGCTGAAAGAGGATTGCATTGCGTACATCTGCAGGGAGATTCTCAGGGGT CTTGCCCATCTCCATGCCCACAAGGTGATCCACCGAGATATCAAGGGACAAAATGTGCTGCTGACAGAGA ATGCTGAAGTCAAGCTAGTGGACTTTGGGGTGAGTGCTCAGCTGGACCGCACTGTGGGGAGGCGGAACAC TTTCATTGGGACCCCATACTGGATGGCTCCAGAAGTCATTGCCTGTGACGAGAACCCCGATGCCACCTAT GACTACAGGAGTGACATTTGGTCTCTAGGAATCACAGCCATTGAAATGGCAGAGGGAGCCCCCCCTCTGT GTGACATGCACCCTATGCGGGCTCTCTTCCTCATCCCTCGGAACCCTCCCCCCAGGCTCAAGTCAAAGAA ATGGTCTAAGAAGTTCACTGACTTCATTGACACGTGTCTCATCAAGACTTACCTGAGCCGACCACCAACA GAACAGTTACTCAAATTCCCCTTCATCCGAGACCAGCCCACGGAGCGGCAGGTCCGCATCCAGCTCAAGG ACCACATTGACCGCTCCCGGAAGAAGCGGGGGGAGAAAGAGGAGACAGAGTATGAGTACAGTGGCAGTGA AGAGGAAGACGACAGCCATGGAGAGGAAGGCGAGCCAAGTTCCATCATGAATGTGCCTGGGGAGTCCACA CTCCGCCGAGAATTCCTCAGACTCCAACAGGAGAATAAGAGCAACTCAGAGGCTTTAAAGCAGCAGCAGC AGCTGCAGCAGCAGCAGCAGCGGGACCCTGAGGCACACATCAAACACCTGCTGCACCAGCGGCAGCGTCG CATAGAGGAGCAGAAGGAGGAGCGGCGACGTGTAGAGGAGCAACAGCGGCGAGAGCGAGAACAGCGCAAG CTGCAGGAGAAGGAGCAGCAGCGGCGGTTGGAAGACATGCAAGCCCTTCGTCGAGAGGAAGAGAGGCGGC AAGCAGAGCGGGAACAGGAATACAAGCGGAAGCAGCTGGAGGAGCAGCGGCAGTCGGAGCGGCTCCAGAG ACAGCTGCAGCAGGAGCATGCCTACCTCAAGTCCCTGCAGCAGCAGCAGCAACAGCAGCAGCAGCTCCAG AAACAACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGATCCTACCTGGAGACAGGA

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AACCCCTGTATCATTATGGTCGGGGCATTAATCCTGCTGACAAGCCAGCATGGGCCCGAGAGGTGGAAGA
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CGTCTTTCTCCCCAACACTGACGGCATGGAGATGCTGCTTTGCTATGAAGATGAGGGTGTCTACGTCAAC
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TGGGGTCTTCATGCACAAACGAGCCCAGAGGCTCAAGTTCCTGTGTGAGCGGAATGATAAGGTGTTTTTT
GCCTCAGTCCGCTCTGGAGGAAGCAGCCAAGTTTACTTTATGACTCTGAACCGTAACTGCATCATGAACT
GGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271136

Insert Size: 4065 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_001271136.1, NP_001258065.1
RefSeq Size:	5008 bp
RefSeq ORF:	4065 bp
Locus ID:	303259
Cytogenetics:	10q24