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Product datasheet for MC224483

Nktr (NM_010918) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nktr (NM_010918) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nktr
Synonyms:	5330401F18Rik; D9Wsu172e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224483 representing NM_010918
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCGCCCAGGACCGGCCGCAGTGTCACTTCGACATCGAGATCAACCGGGAACCGGTTGGTCGAATTA
TGTTTCAGCTCTTCTCAGACATATGTCCAAAAACATGCAAAAACTTCCTATGCCTGTGCTCAGGGGAGAA
AGGCCTTGGGAAAACAACTGGGAAGAAGTTATGTTATAAAGGTTCTACATTCCACCGTGTGGTTAAAAAC
TTTATGATTCAGGGTGGGGACTTCAGTGAAGGTAATGGAAAAGGTGGAGAATCAATTTATGGTGGATACT
TTAAAGATGAAAACTTTATTCTCAAACATGACAGAGCGTTCCTTTTGTCAATGGCAAATCGAGGGAAACA
TACCAATGGTTCCCAGTTTTTCATAACTACAAAGCCTGCTCCACACCTGGATGGGGTTCATGTTGTTTTT
GGACTGGTAATATCTGGTTTTGAAGTAATTGAACAGATTGAAAATCTGAAAACAGATGCTGCAAGCAGAC
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CTCAAGATCTCCCACCCACCGAATGAAGTCCTCTTGTGTTAGAGAAAGGAGATCTCGTGCCTCCTCCTCC
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TCCTCTCATCACTCATCCAAGCGCGACTGGTCTAAATCAGACCAGGATGACGGGAGTGCTTCAACCCATT
CCAGCAGAGACTCCTACAGATCCAAGTCTCATTCACGATCAGATTCTAGAGGGAGCTCTAGATCAAGGGC
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TCCGAGTCAGAAGTTGGTCAGAGTCACATCAAAGCCAAACCCCCAGCAAAGCCTCCAACAAGCACTTTTC
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TCCACCTAGCGCCCAGCACCTTGAAGAGCATGGCCCAGGTGGAGGGGAGGACGTGCTTCAGACAGATGAC
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AGGAGAACAAGAGAGTAGCATGTCTGAAAGCAAGACCTTGGGTGAAAGTGGGGTTAAACAGGACAGCTCT
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ATCAAGAGAGTTCCAGTGATGATCAGACACCTAGTCGGGATGGTGATAGCCAGTCCAGGAGTCCACACAG
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CGATCTAGAAGCTCTACGTCATCTTACCGATCAAGAAGCTACTCTAGAAGCCGGAGCAGGGACTGGTATA
GCAGAGGCCGAACCCGCAGCCGGAGCAGTTCCTATGGAAGTTTCCATAGTCACAGGACGTCCAGCAGGAG
CCGGTCCAGGAGCAGCTCTTATGACCTCCATAGCCGCTCCAGATCCTACACCTACGATAGCTACTACAGC
CGGAGTCGTAGCCGCAGCCGCAGCCAGAGGAGTGACAGTTACCATCGGGGTAGAAGTTACAACAGGCGGT
CCAGGAGTGGTAGATCCTATGGCTCAGACAGTGAAAGTGACAGAAGTTACTCTCATCACCGGAGTCCCAG
CGAGAGCAGCAGATACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010918

Insert Size: 4362 bp

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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_010918.2, NP_035048.3
RefSeq Size:	7026 bp
RefSeq ORF:	4362 bp
Locus ID:	18087
UniProt ID:	P30415
Cytogenetics:	9 72.57 cM
Gene Summary:	PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. Component of a putative tumor-recognition complex involved in the function of NK cells.[UniProtKB/Swiss-Prot Function]

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