

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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224483 representing NM_010918 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCCAGGACCGCCGAGTGTCACTTCGACATCGAGATCAACCGGAACCGTTGGTCAATTA
TGTTTCAGCTCTTCTCAGACATATGTCCAAAACATGCAAAAACCTCCTATGCCTGTGCTCAGGGGAGAA
AGGCCCTGGGAAAACAACTGGGAAGAAGTTATGTTATAAAGGTTCTACATTCCACCGTGTGGTTAAAAAC
TTTATGATTCAGGGTGGGACTTCAGTGAAGGTAAATGGAAAAGGTGGAGAATCAATTTATGGTGGATACT
TTAAAGATGAAAACCTTTATTCTCAAACATGACAGAGCGTTCCTTTTGTCAATGGCAAATCGAGGGAAACA
TACCAATGGTTCCAGTTTTTCATAACTACAAAGCCTGCTCCACACCTGGATGGGGTTCATGTTGTTTTT
GGACTGGTAATATCTGGTTTTGAAGTAATTGAACAGATTGAAAATCTGAAAACAGATGCTGCAAGCAGAC
CTTATGCAGATGTCGAGTTATTGACTGTGGGGTGTGGCCACAAAGTTGACAAAAGATGTTTTTGAGAA
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TCCTCAGAGAGTGAAGTTGAGCGAGAGACAATCAGAAGGAGAAGACATAAGAGGAGGCCAAAAGTCAGAC
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AGGTTATTCTGAGAGGAGTGTGTAATGAAAAAAGATCAGTTGACTCAAACACTAAAAGAGAAAAGCCT
GTTGTCCGCCCAGAAGAGATTCTCCAGTTCGCCGAGAACCGATTTTTACTTAGAAGAGATATGCCTGCTA
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AAAGTCTGGACGGAAAATCAAAGGAAGAGGCACGATTTCGATATCACACACCTCCAAGGTCAAGATCCCAC
TCTGAGTCCAAGATGATGACAGCAGTGAACCCCTCCTCACTGGAAGGAGGAGATGCAGAGACTGAGAG
CCTACAGGCCCCCGAGCGGAGAGAAGTGGAGCAAAGGAGACAAGCTGAGTGACCCCTGTTCAAGCCGATG
GGATGAAAGAAGCCTGTCCAGAGATCCAGATCATGGTCTATAATGGATACTATTAGATCTTAGTACA
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CTCAAGATCTCCACCCACCGAATGAAGTCTCTTGTGTTAGAGAAAGGAGATCTCGTGCCTCCTCTCC
TCCTCTCATCACTCATCAAGCGCGACTGGTCTAAATCAGACCAGGATGACGGGAGTGCTTCAACCCATT



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CCAGCAGAGACTCCTACAGATCCAAGTCTCATTACGATCAGATTCTAGAGGGAGCTCTAGATCAAGGGC
TGTGTCAAAGTCCTCATCTCGTTCTCTCAACAGATCAAAATCTAGATCTAGTTCAGGTCAGGACCCCGA
AGAACATCAATATCCCCAAAAAACCTGCTCAGCTGAGTGAAAATAAGCCAGTTAAGACAGAACCTTTAA
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TCCGAGTCAGAAGTTGGTCAGAGTCACATCAAAGCCAAACCCCGCAGAAAGCCTCCAACAAGCACTTTTC
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CTCCAACTTGGGGAACATTAGAGGAGAGCCCCAGAAGCAAAAACACTCAAAGGATGATCTTAAGGGGGAT
CACAAAAAAGGGCAAGAGAGAAGTCAAAGCTAAAAAGACAAAAACACAAGGCTCCAAAACGGGAAGC
AAGCTTTCCACTGGCAACCTCCACTCGAGTTTGGTGACGATGAGGAGGAGGAGATGAATGGGAAGCAAGT
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GTCGAGAAAACCTGTGATGAAGGCAGTTCTCCAAGTAAACCCAAGAAGGGTACTTTAGAGCAGGACCCAC
TTGAGAGGGTGGACATGATCCAGCTCTTGTCTGCACCTCTGAAAGTGGAGGACAACAGGCCAGCTC
TCCACCTAGCGCCAGCACCTTGAAGAGCATGGCCAGGTGGAGGGGAGGACGTGCTTCAGACAGATGAC
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ACAGGCTAGACAGCCAGAGGTGAACATTATCCAGAGCAGGATGAGTGTATGGCACATCCTAGAGCAGG
AGGAGAACAAGAGAGTAGCATGTCTGAAAGCAAGACCTTGGGTGAAAGTGGGGTTAAACAGGACAGCTCT
ACCAGTGTGACCAGTCTGTAGAACTTCTGAAAAGAAGGAGGGGGCTGAGAAGAGCCAAATGAACCTCA
CAGATAAGTGAAGCCATTGCAAGGTGTAGGGAATCTGTCAAGTGTCTACTGCAACCACATCCAGTGTCT
GGATGTGAAGGCATTATCTACTGTGCTGAAGTGAACCAAGGCTTGAAGATAGAAATCAAAGCAAA
AATAAGGTTTCGGCCTGGGTCTCTCTTTGATGAAGTAAGAAAGACGGCACGCCATAATCGAAGGCCACGGA
ATCAAGAGAGTTCAGTGATGATCAGACACCTAGTCGGGATGGTGTAGCCAGTCCAGGAGTCCACACAG
ATCTCGAAGCAAAATCCGAAACCAATCTCGACACAGAACAAGGTCTGTCTCATACAGTCACTCACGAAGT
CGATCTAGAAGCTCTACGTCATCTTACCAGTCAAGAAGCTACTCTAGAAGCCGGAGCAGGGACTGGTATA
GCAGAGGCCGAACCCGCAGCCGAGCAGTTCCTATGGAAGTTCCATAGTACAGGACGTCCAGCAGGAG
CCGGTCCAGGAGCAGCTTTATGACCTCCATAGCCGCTCCAGATCCTACACCTACGATAGCTACTACAGC
CGGAGTCGTAGCCGAGCCGAGCCAGAGGAGTGACAGTTACCATCGGGGTAGAAGTTACAACAGGCGGT
CCAGGAGTGGTAGATCCTATGGCTCAGACAGTGAAGTGAAGTACTCTCATCACCCGAGTCCCAG
CGAGAGCAGCAGATACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010918
Insert Size: 4362 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:	<ol style="list-style-type: none">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:	<u>NM_010918.2</u> , <u>NP_035048.3</u>
RefSeq Size:	7026 bp
RefSeq ORF:	4362 bp
Locus ID:	18087
UniProt ID:	<u>P30415</u>
Cytogenetics:	9 72.57 cM
Gene Summary:	PPlase 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]