

Product datasheet for **RN202659**

Nkx2-8 (NM_001106732) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nkx2-8 (NM_001106732) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nkx2-8
Synonyms:	Nkx2-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202659 representing NM_001106732 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCTCCTCTGGACGCCTCGGCTTCACCGTGCAGAGCCTCCTGAATTTACCGAACAGGATGCGCAGC
 CCAGGGTGAGGTGCGAGCAACAGACGTGCGTTCCTCAGACGGCCGCTGGCTGGAGTCGGAGCGCAGCCA
 CTACCCGTCCTCTGATGAAAGCGGCCTGGAGACTAGCCCTGCAGACTCGTCGCAGCTGGCTTCCTCGGG
 CGGGCGTCCCCTGGCTCCGACGCAGAGAAGAGGAGGAAGCGGCGGGTGCTGTTCTCCAAGGCCAGACTT
 TGGAGTTGGAGCGCGCTTTCGGCAGCAGCGGTACCTGTGGCGCCCGAGCGGGAACAGCTGGCTCGACT
 TCTGCGCCTCACGCCACGCAGGTCAAGATCTGGTTCAGAACACCGCTACAAGCTGAAGCGTGGGCGA
 GCGCCAGGGGTCACAGAATCTTCGGATGTGACAGCATCAGCTGATCTGCACGCCGCTCCCGGCCTGCTGC
 GCCGCGTAGTGGTACCGTGCTGGTTCACGACCGATCACCGTGCAATGGCAGGGGTGAGGGGACCGCTGC
 GGTGCCCCAGGACAAGTGCAGCTCACGCCTGGCCACTGCGTGCCAGTGAAGGTTACACTGCCTTCGGA
 CCGGGCTCAGCATTAGGCCTCTTCCTGCCTACCAGCACTTAGCACCACCAGCTCTGGTCTCCTGGAAC
 GGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106732
Insert Size:	705 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:	<u>NM_001106732.1</u> , <u>NP_001100202.1</u>
RefSeq Size:	1078 bp
RefSeq ORF:	705 bp
Locus ID:	299061
Cytogenetics:	6q23