

Product datasheet for **RN214573**

Six4 (NM_001106739) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Six4 (NM_001106739) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Six4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN214573 representing NM_001106739

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGATTGCAAGTGCGGCGGACATCAAGCAGGAGAATGGGATGAAAGCGCCTCGGAAGGACAGGAGCGC
ACCGAGAACCCCGCTGGCCTTCTCGCCGACCATGTCGCCTGCGTGTGCGAGGCGTTGCAGCAGGGGG
CAACCTGGACCGCTGGCCCGTTCTTTGGTCCCTGCCCGAGCGACCTGCTACGTGGCAACGAGAGC
CTGCTGAAGGCGCGAGCGCTCGTGGCCTTCCACGAGGCATCTACCCTGAGTTGTACAGCATCTCGAGA
GCCACAGCTTCGAGTCGGCCAACCATCCGCTGCTGCAGCAGCTCTGGTACAAGGCGCGCTACACGAGGC
CGAGCGAGCGCGCGGCCGCTGGGCGCGTGGACAAGTACCGGCTGCGCAGGAAATCCCTTGCCC
CGCACCATCTGGGACGGCGAGGAGCGGTGTATTGTTTCAAGGAGAAGTCGCGCAACGCGCTTAAGGAGC
TCTACAAGCAGAATCGTACCCCTCGCCGCGGAGAAGCGGCACCTGGCCAAGATCACTGGCCTCTCCCT
CACCCAGGTGAGCAACTGGTTCAAGAACGGCGCGCAGCGACCGAAACCCCTCCGAGACCCAGTCCAA
AGCGAATCAGATGGCAACCCAGCACTGAAGACGAATCCAGCAAGGGACATGAGGATTTGTCTCCTCATC
CACTTTCAGGCGCATCTGATGGCGTCACCAACCTCAGCCTTTCTAGCCACATGGAGCCAGTATATATGCA
ACAAATTGGAATGCTAAGATATCATTAAAGCTCGTCTGGAGTTTGTGAATGGAAGCTTGGTACCCGCA
AGTACTTCACCCGTCTTCTTAATGGCAATTTCTTTATTCAGGGACACAATGGAGTTATCCTTAATGGAC
TGAATGTGGGAAATACACAGACAGTGTCACTGAACCCACCCAAATGTCTTCAAACACTGTGGGCAATGG
CATAGCCATGACAGACATCCTGGGATCTACCTCACAGGATGTGAAAGAATTCAAAGTCTCCAGAGTTCT
GCTGTGAAGTCAAGGAGGAGGCGTTGAGCAGTGGCCTCCAGGATGGCGGCTCTGTAGTGACTTTTAC
TACACCGTGCAAAATTAACCAATGATGGCATTGTCCAGATCCCTAATTCTGGAGCAATGGCCAGTTCCTT
AATGGGAGCATTGGATTCTCCTACTGCAGCTGCCTCCTGTCTCAGTATCAGCTTCACAAGGTATCTTT
CGGTGACTCCAAGCACTTCGGATGGAAGCACATTTACAAGTGAGTCGGCCACAGTCCAGCATGGTAACT
TTTCTGAGCCCTCTTACCCCACTGAGTGGTATACACTGTACCTAATTCAGGCCAGACTGTAGGAGCT
GTAAACAGGAAGGCTTAGAAAGAGGCTAGTCTTTCTCAGTTGATGCCTGTCAATCACAACGCACAAG
TAAATGCAACCTGTCTCGGAAATCTCTCTGGGAGTGGCTCCATCCTCTGACCTCTTCGTTGGTTAA
TGTGTCCGCCGCCACGGTTTTTCCCTAACCCCTCTACACTACTAAATCCGCTGAGCTAAACCCCGAC
CTTGCTGAGAGCCAGCAGTGTCTGCACCTGTGGCAAGCAATGTACTGTGACATCTGTACGCAACACTA
ACTACGCAACCCCTCAGAACTGTTCCCTTATTCCTGGTCCAGACCTATTGTCCGTCCCGATGACCCAGGC
TGCCCTGGGTGAGATAGTTCCCAAGCCGAGGAGCAGGTGAGCCACGCCTCGCCAGCAGTCCACCAAGAT
TTTGTAAGAGAACAGCGCTTGGTTCTGCAATCAGTCGTAACCTGAAAGAGAAGTCTTACAAAATCTG
AGAACAAAACAACAACCTTAATGATGTTGGACTCGAAATCCAAGTACGTCTGGACGGCATGGTTGA
ACCCGGCTGTGAAGACCTGGGAACGGACAAAAAGAGCTGGCCAAGCTCCAACTGTCCAGTTGGATGAA
GATATGCAAGACTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001106739

Insert Size:

2118 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:	<u>NM_001106739.1, NP_001100209.1</u>
RefSeq Size:	5970 bp
RefSeq ORF:	2118 bp
Locus ID:	299138
Cytogenetics:	6q24