

Product datasheet for RN212470

Pitx1 (NM_053624) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pitx1 (NM_053624) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pitx1
Synonyms:	Bft
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212470 representing NM_053624 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGCCTTCAAGGGAGGCATGAGCCTGGAGAGGCTACCGAGGGGCTGCGGCCACCGCCACCGCCGC
CACACGACATGGGGCCAGCTTCCACCTGGCCCGACCGCCGACCCCGGGAGCCGCTGGAGAAGCTCAGC
CAGCGAGTCATCCGACGCCGATCTGCCAGACAAGGAGCGCGGTGGAGAGGCCAAGGTGCCTGAGGATGGC
GGCGGGGAGCGCTGGCTGCGGCAGCGGGAAGACCCAGCCAAGAAGAAGAAACAGCGGCGTCAACGCA
CTCACTTCACAAGCCAGCAGTTGCAAGAGCTGGAGGCCAGTTCCAAAGGAACCGCTACCCGGACATGAG
CATGAGAGAGGAGATCGCGGTGTGGACCAACCTCACTGAGCCGCGAGTGCGGGTCTGGTTCAAGAACCGG
CGAGCCAAGTGGCGCAAGAGGGAGCGGAACCGAGCTGGACCTGTGCAAGGGCGGCTACGTGCCGCACT
TCAGCGGCTTGGTGCAGCCCTACGAGGACGTGTACGCCGCGCGGCTACTCCTACAACAACTGGGCCGC
CAAGAGCTTGGCACCGGCGCCGCTGTCCACCAAGAGCTTACCTTCTTCAACTCCATGAGTCCGCTATCC
TCTCAGTCCATGTTCTCGGCCCCAGCTCCATCTTCCATGACCATGCCATCCAGCATGGGCCCGGGCT
CCGTGCCCGGCATGCCAACTCGGGCTCAACAACATCAACAACCTCACGGGCTCCTCGTCAACTCGGC
CATGTGCGCGGGCGCCTGCCCTACGGCACCCCGCTCGCCCTACAGCGTCTACCGGGACACGTGCAAC
TCGAGCCTCGCCAGCCTGCGGCTCAAGTCCAAGCAGCACTCCTCGTTTGGCTACGGCGGTCTGCAGGGTC
CAGCGTCGGGCCCTCAACGCTGCCAGTAAACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053624



[View online »](#)

Insert Size:	948 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:	NM_053624.2 , NP_446076.1
RefSeq Size:	2287 bp
RefSeq ORF:	948 bp
Locus ID:	113983
UniProt ID:	Q99NA7
Cytogenetics:	17p14
Gene Summary:	paired-like homeobox transcription factor; transcription regulator of pituitary genes; genetic marker for nascent Rathke's pouch, precursor of anterior and intermediate lobes of pituitary gland [RGD, Feb 2006]