

Product datasheet for **RC213218A1V**

Human PITX2 (NM_153426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PITX2 (NM_153426) AAV Particle
Tag:	Myc-DDK
Symbol:	PITX2
Synonyms:	ARP1; ASGD4; Brx1; IDG2; IGDS; IGDS2; IHG2; IRID2; Otlx2; PTX2; RGS; RIEG; RIEG1; RS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213218 representing NM_153426 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGACCAACTGCCGCAAACTGGTGTGGCGTGTGTGCAATTAGGCGTGCAGCCGGCGCCGTTGAAT
GTCTCTTCTCCAAAGACTCCGAAATCAAAAAGGTCGAGTTCACGGACTCTCCTGAGAGCCGAAAAGAGGC
AGCCAGCAGCAAGTCTTCCCGCGGCAGCATCCTGGCGCAATGAGAAAGATAAAAGCCAGCAGGGGAAG
AATGAGGACGTGGGCGCCGAGGACCCGTCTAAGAAGAAGCGGCAAGGCGGCAGCGGACTCACTTTACCA
GCCAGCAGCTCCAGGAGCTGGAGGCCACTTTCCAGAGGAACCGCTACCCGACATGTCCACACGCGAAGA
AATCGCTGTGTGGACCAACCTTACGGAAGCCCGAGTCCGGGTTTGGTTCAAGAATCGTCGGGCCAAATGG
AGAAAGAGGGAGCGCAACCAGCAGGCCGAGCTATGCAAGAATGGCTTCGGGCCGAGTTCAATGGGCTCA
TGCAGCCCTACGACGACATGTACCCAGGCTATTCTACAACAACCTGGGCCGCAAGGGCCTTACATCCGC
CTCCCTATCCACCAAGAGCTTCCCTTCTCAACTCTATGAACGTCAACCCCTGTATCACAGAGCATG
TTTTCCCAACCAACTCTATCTCGTCCATGAGCATGTCGTCCAGCATGGTGCCCTCAGCAGTGACAGGCG
TCCGGGCTCCAGTCTCAACAGCCTGAATAACTGAACAACCTGAGTAGCCCGTCGTGAATTCGCGGT
GCCGACGCTGCCTGTCTTACGCGCCGCCGACTCCTCCGTATGTTTATAGGACACGTGTAACTCGAGC
CTGGCCAGCCTGAGACTGAAAGCAAAGCAGCACTCCAGCTTCGGCTACGCCAGCGTGCAGAACCCGGCCT
CCAACCTGAGTGCTTGCCAGTATGCAGTGGACCGGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC213218 representing NM_153426 Red=Cloning site Green=Tags(s) METNCRKLVSA CVQLGVQPAAVECLFSKDSEIKKVEFTDSPESRKEAASSKFFPRQHPGANEKDKSQQ GK NEDVGAEDPSKKKRQRRQRTHTFSQQLQELEATFQRNRYPD MSTREEIAVWTNLTEARVRVWFKNRRAKW RKRERNQQAELCKNGFGPQFNGLMQPYDDMYPGYSYNNWAAKGLTSASLSTKSFPFFNSMNVNPLSSQSM FSPPNISISSMSMSSSMVPSAVTGVPGSSLNSLNNLSSPSLNSAVPTPACPYAPPTPPYVYRDT CNSS LASLRLKAKQHSSFGYASVQNPASNLSACQYAVDRPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153426
ORF Size:	951 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_153426.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	954 bp
Locus ID:	5308
UniProt ID:	<u>Q99697</u>
Cytogenetics:	4q25
MW:	35.2 kDa