

Product datasheet for RC212615

PAX3 (NM_013942) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	PAX3 (NM_013942) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PAX3
Synonyms:	CDHS; HUP2; WS1; WS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RC212615 representing NM_013942 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGACCACGCTGGCCGGCGCTGTGCCCAGGATGATGCGGCCGGGCCCGGGGCAGAACTACCCGCGTAGCG GGTTCCCGCTGGAAGTGTCCACTCCCCCTCGGCCAGGGCCGCGTCAACCAGCTCGGCGGTGTTTTTATCAA CGGCAGGCCGCTGCCCAACCACATCCGCCACAAGATCGTGGAGATGGCCCACCACGGCATCCGGCCCTGC GTCATCTCGCGCCAGCTGCGCGTGTCCCACGGCTGCGTCTCCAAGATCCTGTGCAGGTACCAGGAGACTG GCTCCATACGTCCTGGTGCCATCGGCGGCAGCAAGCCCAAGCAGGTGACAACGCCTGACGTGGAGAAGAA AATTGAGGAATACAAAAGAGAGAACCCGGGCATGTTCAGCTGGGAAAATCCGAGACAAATTACTCAAGGAC GCGGTCTGTGATCGAAACACCGTGCCGTCAGTGAGTTCCATCAGCCGCATCCTGAGAAGTAAATTCGGGA AAGGTGAAGAGGAGGACGCGACTTGGAGAGGAAGGAGGCAGAGGAAAGCGAGAAAGAA
Protein Sequence:	<pre>>RC212615 representing NM_013942 Red=Cloning site Green=Tags(s) MTTLAGAVPRMMRPGPGQNYPRSGFPLEVSTPLGQGRVNQLGGVFINGRPLPNHIRHKIVEMAHHGIRPC VISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPKQVTTPDVEKKIEEYKRENPGMFSWEIRDKLLKD AVCDRNTVPSVSSISRILRSKFGKGEEEEADLERKEAEESEKKAKHSIDGILSERGKALVSGVSSH TRTRPLEQKLISEEDLAANDILDYKDDDDKV</pre>



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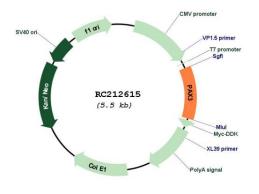
Sourigene PAX3 (NM_013942) Human Tagged ORF Clone – RC212615



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Cytogenetics:	2q36.1
Protein Families	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transcription Factors
MW:	22.7 kDa
Gene Summary:	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC212615

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