*h*FoxP1 VersaClone cDNA

Catalog Number: RDC1703

Specifications:

Gene:	*h*FOXP1
Accession:	NP_116071
Insert size:	2046bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

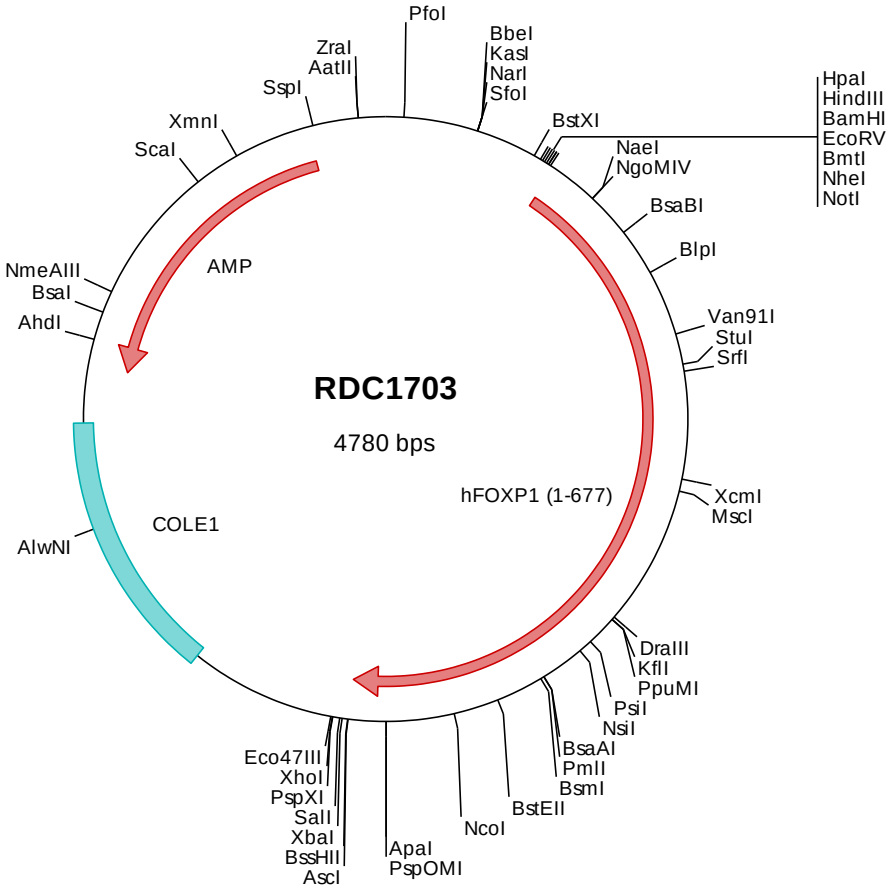
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*FoxP1 cDNA Plasmid

FOXP1 forkhead box P1 [*Homo sapiens* (human)]

Also known as: MFH; QRF1; 12CC4; hFKH1B; HSPC215

Summary:
FoxP1 is a member of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. FoxP1 can homo or heterodimerize with FoxP2 and FoxP4, with dimerization necessary for DNA binding. FoxP1 shows both oncogenic and tumor suppressive characteristics. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1703 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgatgcaag aatctgggac tgagacaaaa agtaacggtt cagccatcca
 501  gaatgggtcg ggcggcagca accacttact agagtgccgc ggtcttcggg aggggcggtc caacggagag acgccggccg tggacatcgg ggcagctgac
 601  ctcgcccacg cccagcagca gcagcaacag gcacttcagg tggcaagaca gctccttctt cagcagcaac agcagcagca agttagtgga ttaaaatctc
 701  ccaagaggaa tgacaaacaa ccagctcttc aggttcccgt gtcagtggct atgatgacac ctcaagttat cactccccag caaatgcagc agatcctcca
 801  gcaacaagtg ctgagccctc agcagctcca ggttctcctc cagcagcagc aggccctcat gcttcaacag cagcagcttc aagagtttta caaaaaacaa
 901  caggaacagt tgcagcttca acttttacaa caacaacatg ctggaaaaca gcctaaagag caacagcagg tggctaccca gcagttggct tttcagcagc
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1201  agtttggatc tgaccacgac atgtgtctcc tcctctgcac cttccaagac ctccttaata atgaacccac atgcctctac caatggacag ctctcagtcc
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1401  cgaagatttc caatcatttc taaaacatct caacagtgag catgcgctgg acgatagaag tacagcccaa tgtagagtac aaatgcaggt tgtacagcag
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1601  atctggtatc aagtgtcact ctctccaagt ccgcatcgga ggcttctcca cagagcttac ctcatactcc aacgacccca accgcccccc tgactcccgt
1701  cacccaaggc ccctctgtca tcacaaccac cagcatgcac acggtgggac ccatccgcag gcggtactca gacaaataca acgtgcccat ttcgtcagca
1801  gatattgcgc agaaccaaga attttataag aacgcagaag ttagaccacc atttacatat gcatctttaa ttaggcaggc cattctcgaa tctccagaaa
1901  agcagctaac actaaatgag atctataact ggttcacacg aatgtttgct tacttccgac gcaacgcggc cacgtggaag aatgcagtgc gtcataatct
2001  tagtcttcac aagtgttttg tgcgagtaga aaacgttaaa ggggcagtat ggacagtgga tgaagtagaa ttccaaaaac gaaggccaca aaagatcagt
2101  ggtaaccctt cccttattaa aaacatgcag agcagccacg cctactgcac acctctcaat gcagctttac aggcttcaat ggctgagaat agtatacctc
2201  tatacactac cgcttccatg ggaaatccca ctctgggcaa cttagccagc gcaatacggg aagagctgaa cggggcaatg gagcatacca acagcaacga
2301  gagtgacagc agtccaggca gatctcctat gcaagccgtg catcctgtac acgtcaaaga agagcccctc gatccagagg aagctgaagg gcccctgtcc
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2601  tccacacaac atacgagccg gaagcataaa gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc
2701  cagtcgggaa acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg
2801  actcgctgcg ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa
2901  catgtgagca aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat
3001  cgacgctcaa gtcagaggtg gcgaaacccg acaggactat aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt ccgaccctgc
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3301  ccactggcag cagccactgg taacaggatt agcagagcga ggtatgtagg cggtgctaca gagttcttga agtggtggcc taactacggc tacactagaa
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3601  tcacgttaag ggattttggt catgagatta tcaaaaagga tcttcaccta gatccttta aattaaaaat gaagttttaa atcaatctaa agtatatatg
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> RDC1703 Translated Insert Sequence

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 201  rqgllqipg qpalplqpla qgmiptelqq lwkevtsaht aeettgnnhs sldltttcvs ssapsktsli mnphastngq lsvhtpkres lsheehphsh
 301  plyghgvckw pgceavcedf qsflkhlnse halddrstaq crvqmqvvqq lelqlakdke rlqammthlh vkstepkaap qplnlvssvt lsksaseasp
 401  qslphtpttp tapltpvtqg psvitttsmh tvgpirrrys dkynvpissa diaqnqefyk naevrppfty aslirqaile spekqltlne iynwftrmfa
 501  yfrrnaatwk navrhnlslh kcfvrvenvk gavwtvdeve fqkrrpqkis gnpsliknmq sshayctpln aalqasmaen siplyttasm gnptlgnlas
 601  aireelngam ehtnsnesds spgrspmqav hpvhvkeepl dpeeaegpls lvttanhspd fdhdrdyede pvnedme
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