

Specifications:

Gene:	hNTRK3
Accession:	AAA75374
Insert size:	2491bp
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.

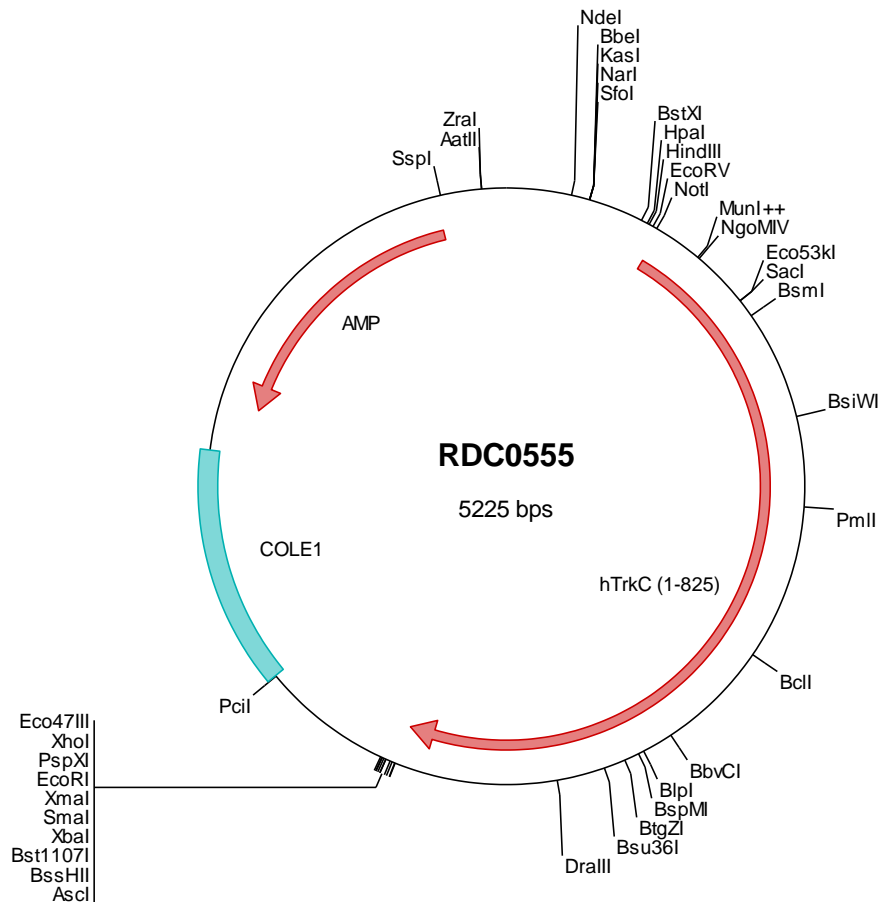
hTrkC cDNA Plasmid

NTRK3 neurotrophic tyrosine kinase, receptor, type 3 [*Homo sapiens*]

Also known as: TRKC; gp145(trkC)

Summary:

TrkC is a member of the neurotrophic tyrosine receptor kinase (NTRK) family. It is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Mutations in TrkC have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Transcript variants encoding different proteins have been found for TrkC.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC055 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcaagctccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcy gttgtaaata
201 ccgcacagat gcgtaagagag aaaataccgc atcaggcgcc attgcgccatt caggctgcgc aactgttggg aaggcgcgac ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaagg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tccgtagcgc gggcgccacc atggatgtct ctctttgccc agccaagtgt agttttctggc ggattttctt
501 gtcgggaagc gttctgctgg actatgtggg ctccgtgctg gcttgcctcg caaattgtgt ctgcagcaag actgagatca attgcccggc gccggacgat
601 gggaaacctt tccccctctt ggaaggcagc gattcaggga acagcaatgg gaaagccagt atcaacatca cggacatctc aaggaatctc acttccatac
701 acatagagaa ctggcgcagt cttoacacgc tcaacgcctg ggacatggag ctctacacgg gacttcaaaa gctgaccatc aagaactcag gacttcggag
801 cattaagccc agagcctttg acaagaacct ccatttgctg tataaaaacc tgcacagtaa tgcctcaaaa cctctgcctg ggcagctctt ccaggcagat
901 agtcttcggg aattgcagtt ggagcagaac ttttcaact gcaagctgtga catccgtggt atgcagctct ggcaggagca gggggaggcc aagctcaaca
1001 gccagaaact ctactgcatc aatgctgatg gctcccagct tccctctctc cgcataaaca tcaagtcaag tgacctctct gagatcagcg tgagccacgt
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1501 gaatactaac aagagggaga gatttccgag gctgctgctg tcttcaacaa gccccaccac tacaacaaat gcaactatc cctcattgcc aaaaaaccac
1601 tgggcacagc caaccagacc atcaatggcc acttctcaa ggagcccttt ccagagagca cggataaact tatcttgttt gacgaagtga gtcccacacc
1701 tctatcaact gtagcccaaca acaagaagaa agacactttt ggggtatcca tagcagttgg tgcctgtgct tttgctgtgt tctgttgggt ggttctctt
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2001 caagctgagg cacacactgc acaagccgga caagctatgt cagcacatca agagggagaga catcgtgctg aagcgagaa tgggtgaggg agcctttgga
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2901 ccaaatctac ctgagcattc ttggctaaag gctgcccagt atactctaga gtcgacaccc ggggaattcc tgcagcctc gttctatgct tggcgaatc
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> RDC055 Translated Insert Sequence

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101 lytglqklti kngslrsiqp rafaknphlr yinlssnrlt tlswlqfql slrelqlqeqn ffnccsdirw mqlwqeggea klnsnglyci nadgsqplpf
201 rmnisqcdlp eishvshvnt vregdnavit cngsgsplpd vdwiwtglqs inthqtnlnw tnvhainltl mvtseedngf tlctciaenv gmsnasvalt
301 vypprvvsl eepelrlehc iefvvrnnp pthlwhlmg pleskiihv eyygegeise gcllfkpth ynnnytlia knplgtanqt inghflkepf
401 pestdnfilf devspptpit vthkpeddf gvsiavglaa facvllvlf vminkyrrs kfgmkgpvav isgeedsasp lhhnhgitt pssldagpdt
501 vvimgtrpiv ienpqyfrqg hnchkpdyv qhikrrdivl krelgegafg kvflaecnyn sptkdkmlva vkalkdptla arkdfgreae lltlnlqhehi
601 vkfygvcgdg dplimvfeym khgdlnkflr ahgpnamilv dqgprqakge lglsgmlhia sqiasgmvy l asqhfvhrdl atrnclvgan llvkigdfgm
701 srdvystdyy rvgghtmpli rwmppesimy rkfttesdw sfgvilweif tygkpwfql snteviecit qgrvlerprv cpkevydvml gcwqrepqqr
801 lnikeiykil halgkatpiy ldily