

Specifications:

Gene:	mDTK
Accession:	NP_062265
Insert size:	2656bp
Concentration:	10µg at 0.2µg/µL

mTyro3/Dtk cDNA Plasmid

Tyro3 TYRO3 protein tyrosine kinase 3 [*Mus musculus*]

Also known as: Brt; Rse; Sky; Tif; Etk-2; AI323366

Summary:

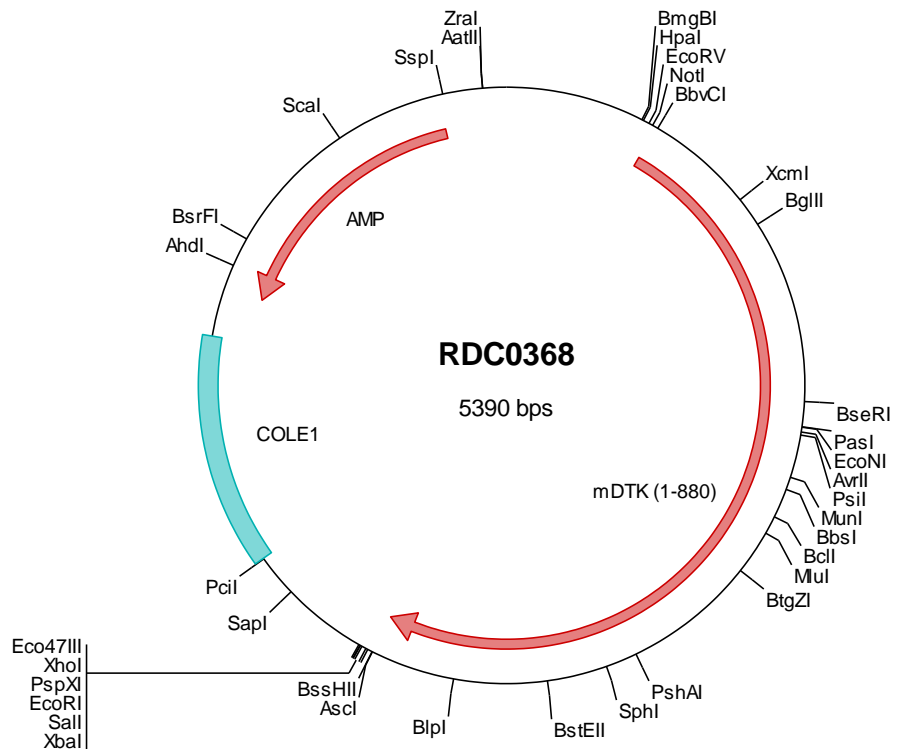
In humans, the tyrosine kinase receptor DTK is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. The protein has also been identified as a cell entry factor for Ebola and Marburg viruses.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0368 Plasmid DNA Sequence

1 tcgctgcttt cggatgatgac ggtgaaaacc tetgacacat gcagctcccg gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt attcgcatc cagctgtggg aaggcgatc ggtgcccggc tcttcgctat
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> RDC0368 Translated Insert Sequence

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