*h*TIE-1 VersaClone cDNA

Catalog Number: RDC0592

Specifications:

Gene:	*h*TIE1
Accession:	NP_005415
Insert size:	3478bp
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

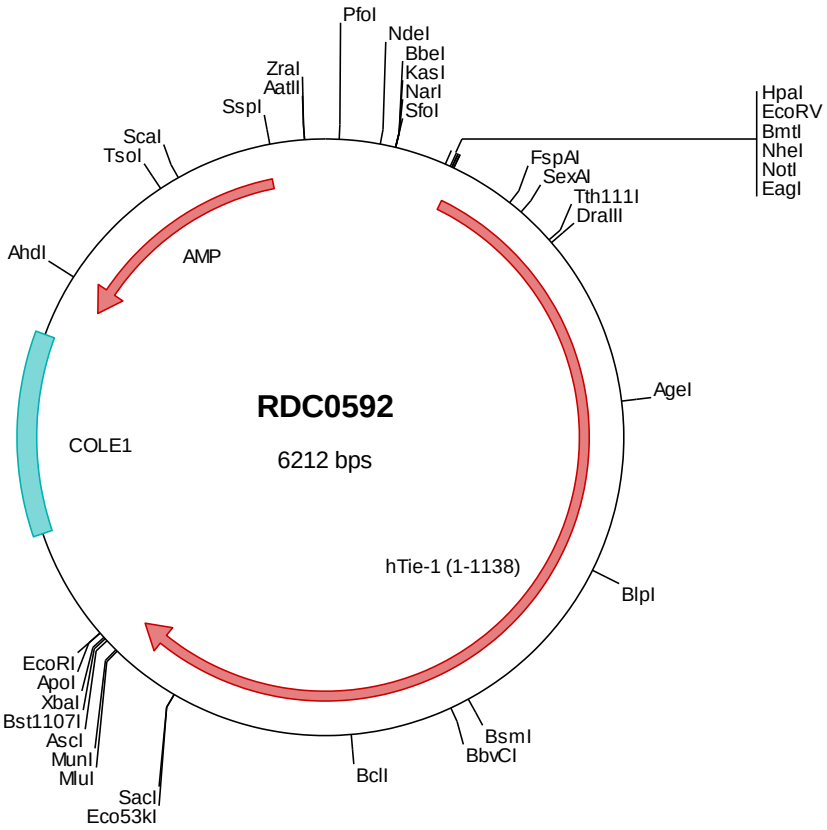
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*TIE-1 cDNA Plasmid

TIE1 tyrosine kinase with immunoglobulin-like and EGF-like domains 1 [*Homo sapiens*]

Also known as: TIE; JTK14

Summary:
TIE1 is a member of the tyrosine protein kinase family. It plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase TIE2. It is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding different proteins have been found.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0592 Plasmid DNA Sequence

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> RDC0592 Translated Insert Sequence

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