

Specifications:

Gene:	rTek
Accession:	NP_001099207
Insert size:	3376bp
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.

rTie-2 cDNA Plasmid

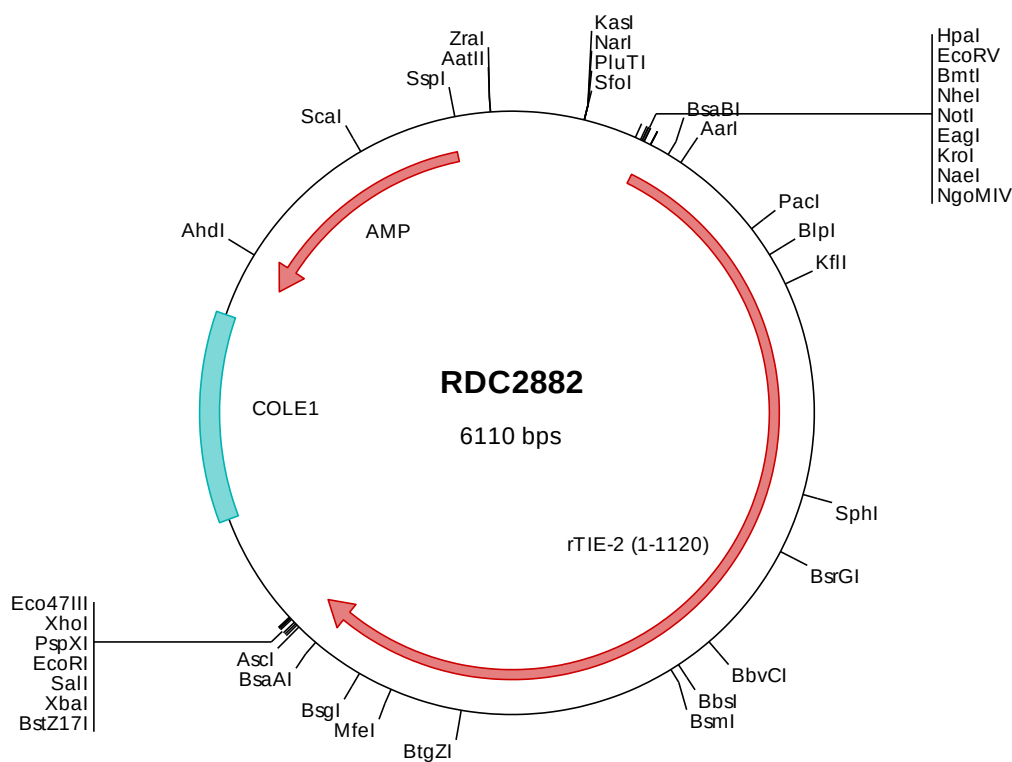
Tek TEK receptor tyrosine kinase

[*Rattus norvegicus* (Norway rat)]

Also known as: Tie2; Tie-2

Summary:

Tie-2 is a receptor that belongs to the protein tyrosine kinase family. Tie-2 possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains, and three fibronectin type III repeats. The ligand angiopoietin-1 binds to Tie-2 and mediates a signaling pathway that functions in embryonic vascular development. Mutations in Tie-2 are associated with inherited venous malformations of the skin and mucous membranes.



> RDC2882 Plasmid DNA Sequence

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> RDC2882 Translated Insert Sequence

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701  lepetyhvd ifaennigss npafsqeirt lpapkdlggg kmlliaails agmtcivtll agmtcivtll agmtcivtll agmtcivtll agmtcivtll
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