

Specifications:

Gene:	mEpha7
Accession:	AAH26153
Insert size:	2998bp
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.

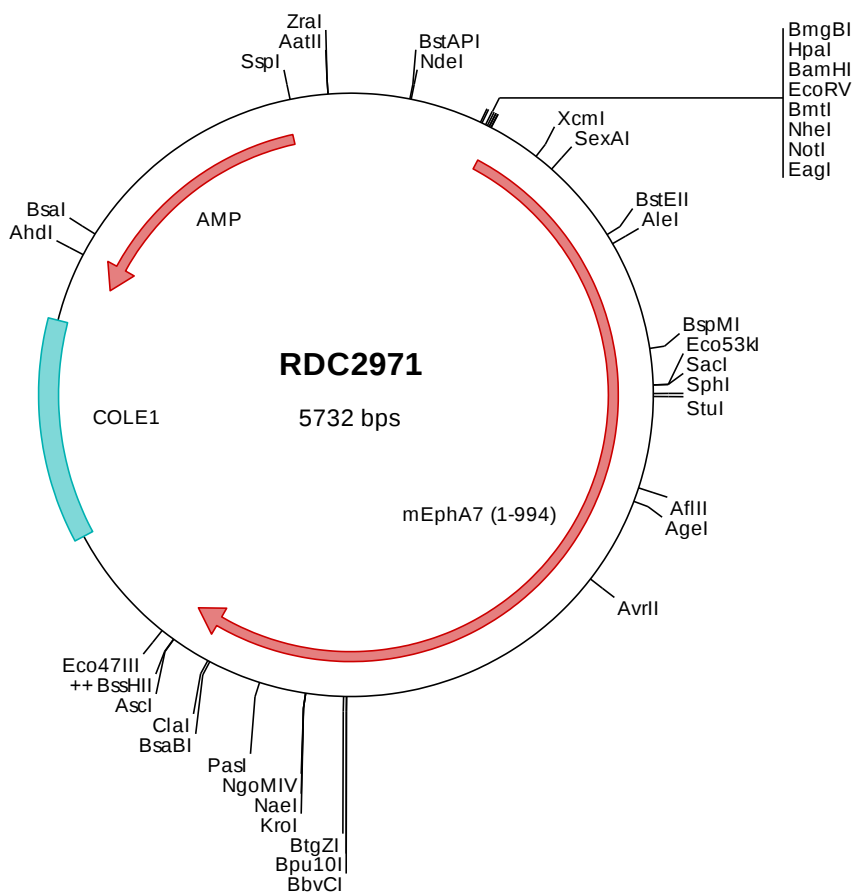
mEphA7 cDNA Plasmid

Epha7 Eph receptor A7 [*Mus musculus* (house mouse)]

Also known as: Ebk; Ehk3; Mdk1; Cek11; Hek11

Summary:

EphA7 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EphA7 preferentially binds to and is activated by Ephrin- A1, -A2, -A3, -A4, and -A5. Eph-Ephrin interactions are widely involved in the regulation of cell migration, tissue morphogenesis, and cancer progression. EphA7 can be up or down-regulated in a variety of human cancers.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2971 Plasmid DNA Sequence

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> RDC2971 Translated Insert Sequence

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