

Specifications:

Gene:	hPLK1
Accession:	NP_005021.2
Insert size:	1825bp
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.

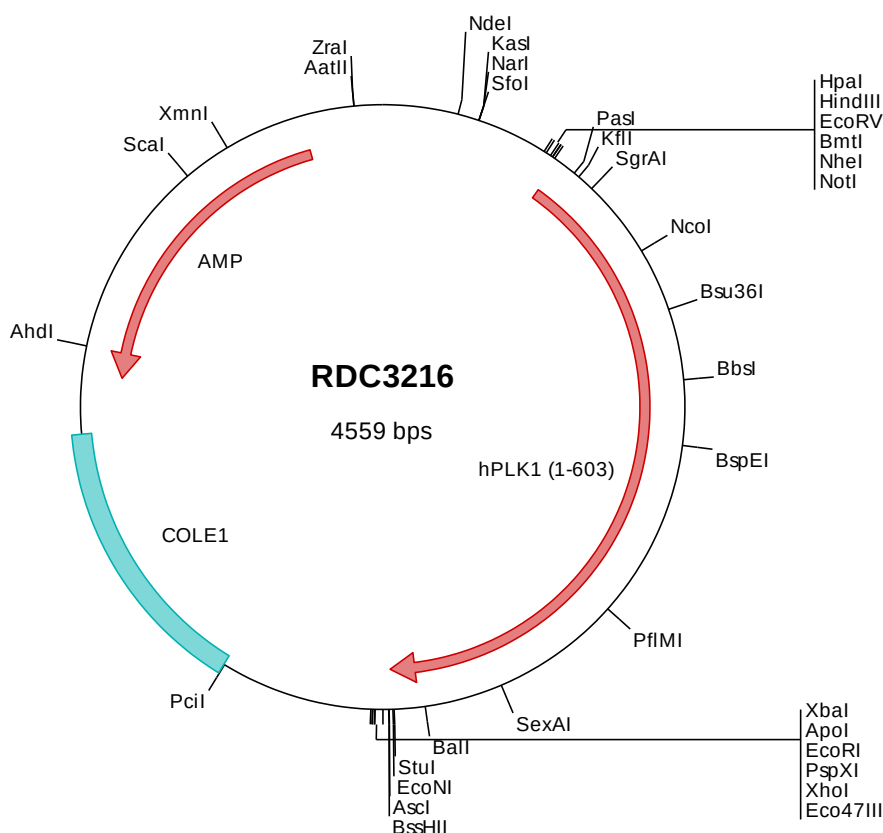
hPLK1 cDNA Plasmid

PLK1 polo like kinase 1 [*Homo sapiens* (human)]

Also known as: PLK; STPK13

Summary:

PLK1 is a Ser/Thr protein kinase and belongs to the CDC5/Polo subfamily. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of PLK1 in cancer cells dramatically inhibited cell proliferation and induced apoptosis; hence, it is a target for cancer therapy.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3216 Plasmid DNA Sequence

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> RDC3216 Translated Insert Sequence

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