

Specifications:

Gene:	<i>cynoGPC3</i>
Accession:	XP_005594665.1
Insert size:	1756bp
Concentration:	10µg at 0.2µg/µL

cynoGlypican 3 cDNA Plasmid

GPC3 glypican 3 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

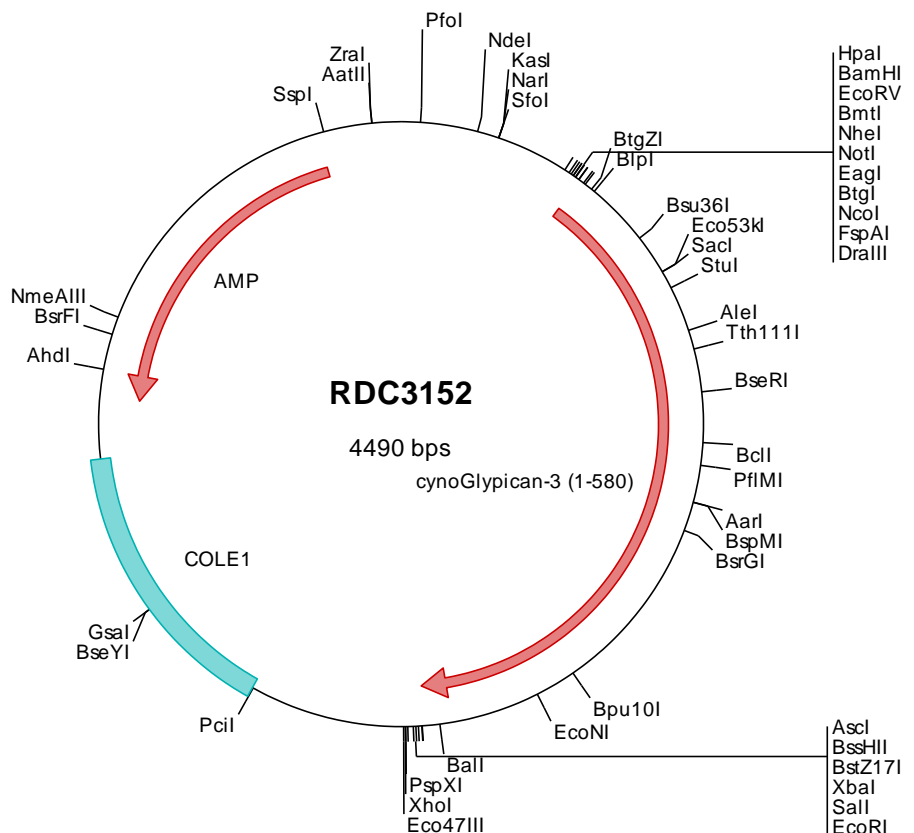
GPC3 belongs to a family of heparan sulfate proteoglycans that are attached to the cell surface by a glycosylphosphatidylinositol (GPI) anchor. It may play a role in the control of cell division and growth regulation. GPC3 can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in GPC3 are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome.

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.



> RDC3152 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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> RDC3152 Translated Insert Sequence

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