

Specifications:

Gene:	mGpc6
Accession:	NP_035951
Insert size:	1681bp
Concentration:	10µg at 0.2µg/µL

mGlypican 6 cDNA Plasmid

**Gpc6 glypican 6 [*Mus musculus*
(house mouse)]**

Summary:

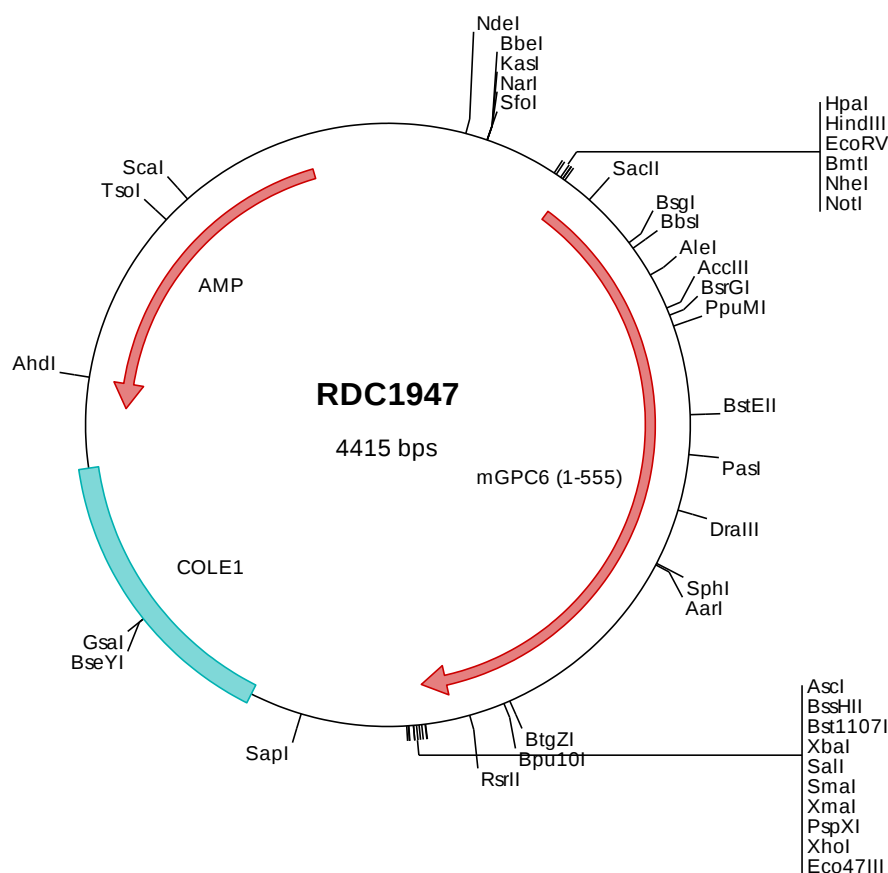
GPC6 is a heparan sulfate proteoglycan member of the GPI-linked glypican family of molecules. It is expressed by postnatal chondrocytes and embryonic mesenchyme (connective tissue plus smooth muscle cells). It may facilitate heparin-binding growth factor signaling and polyamine uptake into expressing cells.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1947 Plasmid DNA Sequence

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1  tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1947 Translated Insert Sequence

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