

Specifications:

Gene:	hGPC4
Accession:	NP_001439
Insert size:	1684bp
Concentration:	10µg at 0.2µg/µL

hGlypican 4 cDNA Plasmid

GPC4 glypican 4 [*Homo sapiens* (human)]

Also known as: K-glypican

Summary:

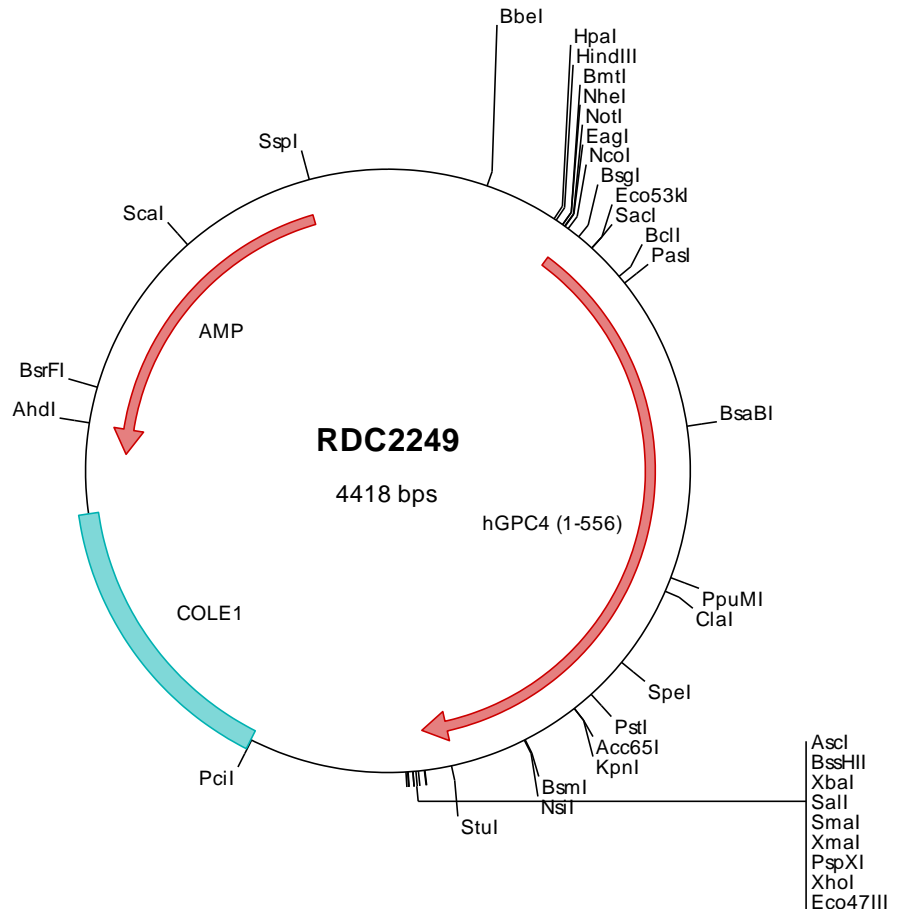
GPC4 is a cell surface heparan sulfate proteoglycan. It is a member of the glypican-related integral membrane proteoglycan family (GRIPS). Members of this family contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. GPC4 is expressed in brain, kidney, adrenal gland, and fat tissue and binds to basic FGF. It may play a role in the control of cell division and growth regulation.

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

> RDC2249 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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> RDC2249 Translated Insert Sequence

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