

Specifications:

Gene:	hPTCH2
Accession:	NP_003729
Insert size:	3625bp
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.

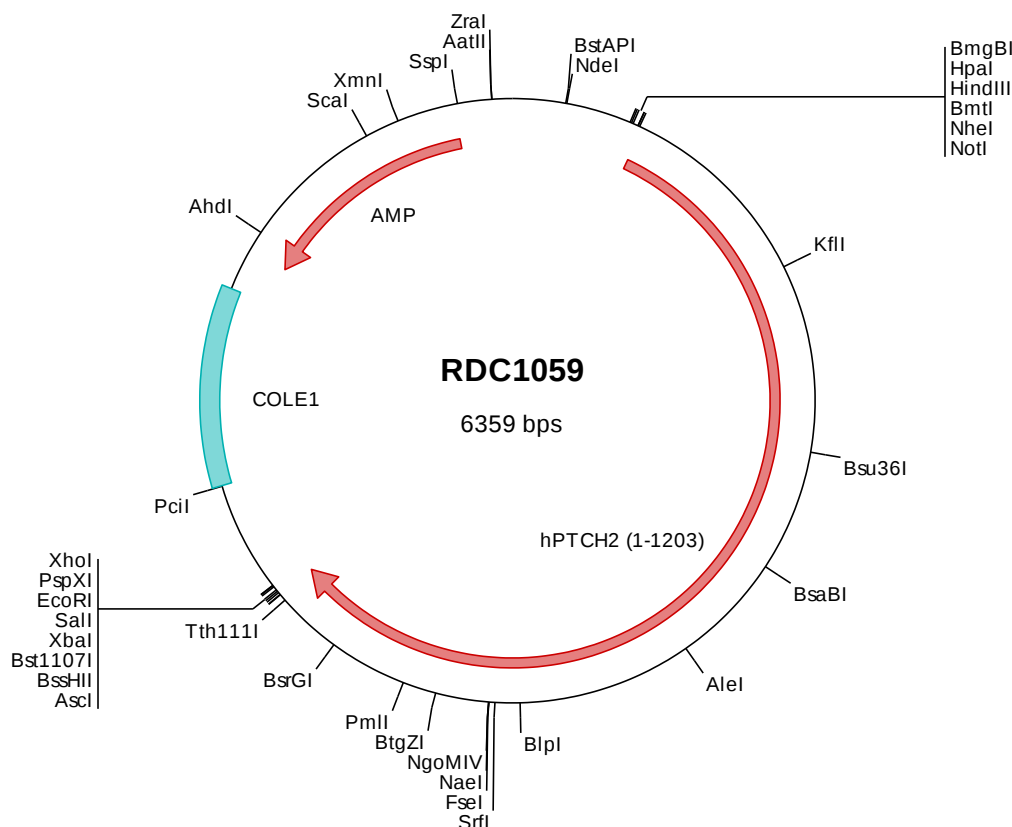
hPatched 2/PTCH2 cDNA Plasmid

PTCH2 patched 2 [*Homo sapiens* (human)]

Also known as: PTC2

Summary:

PTCH2 is a transmembrane member of the Patched family. Together with Smoothened (SMO), PTCH2 forms a membrane complex that serves as a receptor for Sonic Hedgehog (SHH). Alterations in PTCH2 have been associated with nevoid basal cell carcinoma syndrome, basal cell carcinoma, medulloblastoma, and susceptibility to congenital macrostomia. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1059 Plasmid DNA Sequence

```
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> RDC1059 Translated Insert Sequence

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