

Specifications:

Gene:	<i>hLYPD1</i>
Accession:	NP_653187
Insert size:	439bp
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.

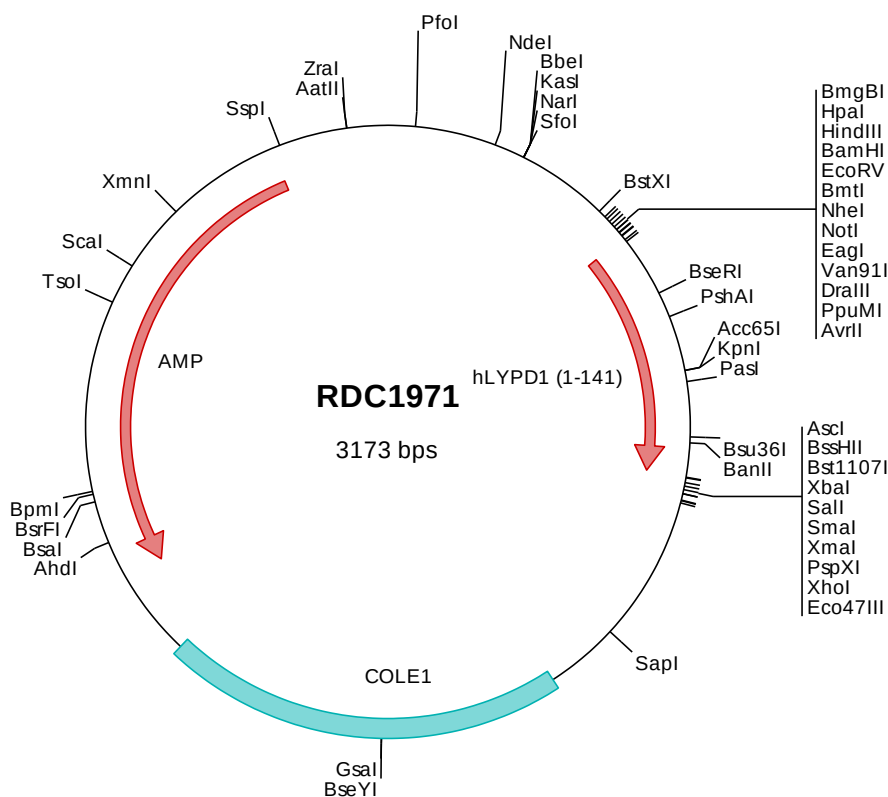
hLYPD1 cDNA Plasmid

**LYPD1 LY6/PLAUR domain
containing 1 [*Homo sapiens*
(human)]**

Also known as: PHTS; LYPDC1

Summary:

LYPD1 is a member of the Ly6 family of GPI-anchored proteins. It is expressed on postmitotic neurons in multiple locations, performing multiple functions. Two suggested functions include the ability to 1) block cell proliferation, and 2) bind to acetylcholine receptors, promoting their desensitization. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1971 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1971 Translated Insert Sequence

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101  cntplcngpr  pkkrjssasa  lrpglrrtil  flklalfsah  C

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