

Specifications:

Gene:	<i>hLYPD5</i>
Accession:	NP_001026919
Insert size:	769bp
Concentration:	10µg at 0.2µg/µL

hLYPD5 cDNA Plasmid

**LYPD5 LY6/PLAUR domain
containing 5 [*Homo sapiens*
(human)]**

Also known as: PRO4356

Summary:

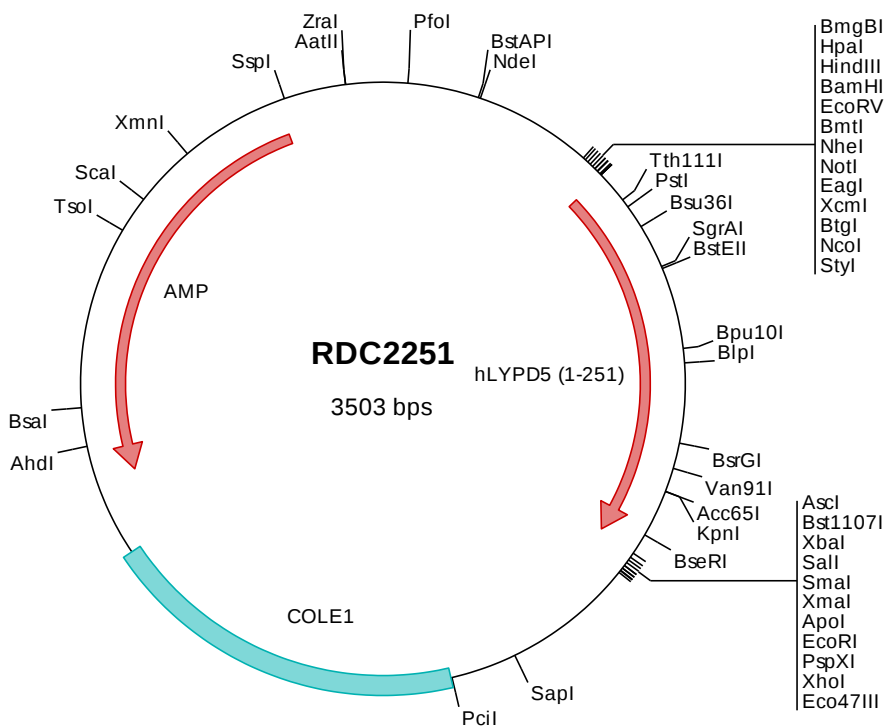
LYPD5 belongs to the Ly6/uPAR/alpha-neurotoxin protein domain family. It exhibits a highly regulated expression profile in normal epidermis, where it is confined to late squamous differentiation.

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.



> RDC2251 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacggtca cagcttgctc gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atggcaatgg ggggtccccag agtcattctg ctctgctctt ttggggctgc
501  gctctgcctg acagggtccc aagccctgca gtgctacagc tttgagcaca cctactttgg cccctttgac ctccaggcca tgaagctgcc cagcatctcc
601  tgctctcatg agtgctttga ggtatctctg tctctggaca ccgggtatcg cgcgcgggtg accctgggtg ggaagggtg ctggaccggg cctcctggcg
701  gccagacgca atcgaaacgg gaagcgctgc cggcagacta ctcggtgggt cgggctgca caactgacaa atgcaacgcc cacctcatga ctcatgacgc
801  cctccccaac ctgagccaag caccgacccc gccagcgctc agcgcgcccg agtgctacgc ctgtatcggg gtccaccagg atgactgcgc tatcggcagg
901  tcccgacgag tccagtgtca ccaggaccag accgcctgct tccagggcaa tggcagaatg acagttggca atttctcagt cctctgttac atcagaacct
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3501 gtc

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> RDC2251 Translated Insert Sequence

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1   mamgvprvil lclfgaalcl tgsqalcqys fehtyfgpfd lramklpsis cphecfail sldtgyrapv tlvrkcgwtg ppagqtqсна dalppdysv
101  rgcttdkcnal hlmthdalpn lsqapdpptl sgaecyaci gvhqddcaigr srrvqchqdq tacfgngnrm tvgnfsvpvy irtchrpsct tegttspwta
201  idlqgscccg ylnrksmtq pftsasattp pralqvlall lpvllllvgls a

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