

Specifications:

Gene:	<i>hLYPD4</i>
Accession:	NP_775777
Insert size:	754bp
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.

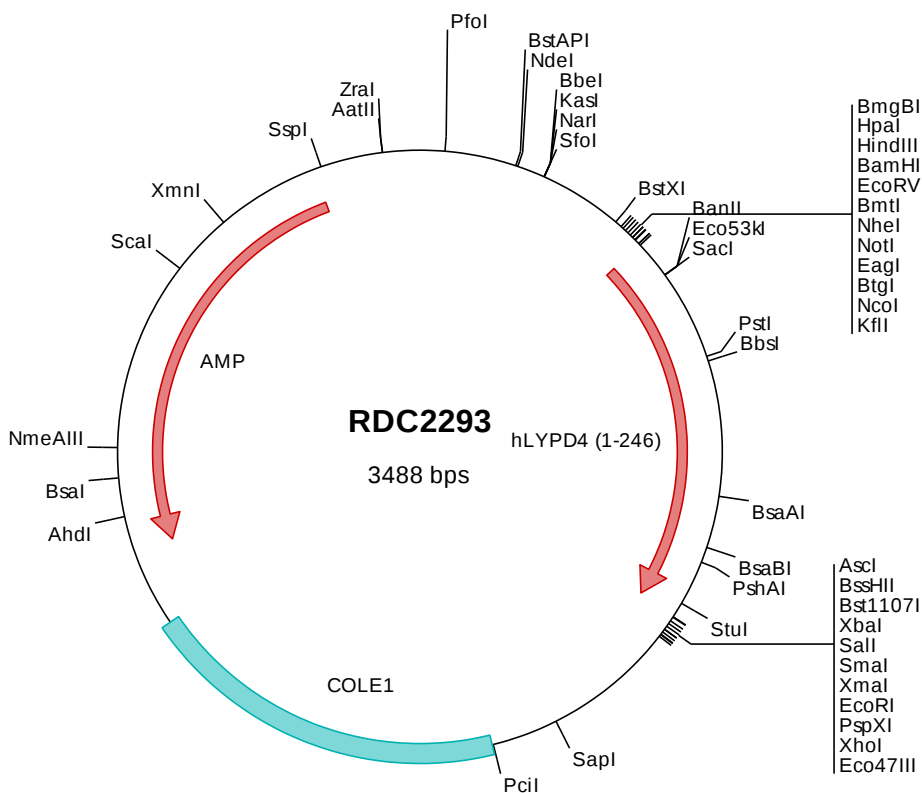
hLYPD4 cDNA Plasmid

**LYPD4 LY6/PLAUR domain
containing 4 [*Homo sapiens*
(human)]**

Also known as: SMR

Summary:

LYPD4 is an uncharacterized Ly6/PLAUR family member. Proteins in this family have at least one 80-amino acid LU domain that contains 10 conserved cysteines with a defined disulfide-bonding pattern and may modulate protein-protein interactions in different types of cancers.



> RDC2293 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta agccagggtt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atgggaaccc agcatttgag acttgtgcag ctgttctgcc ttctaggggc
501  catctccact ctgcctcggg ctggagctct tttgtgctat gaagcaacag cctcaagatt cagagctgtt gctttccata actggaagtg gcttctgatg
601  aggaacatgg tgtgtaagct gcaagagggc tgcgaggaga cgctagtgtt cattgagaca gggactgcaa ggggagtgtt gggctttaa ggtgcagct
701  cgtctctgtc ttaccctgcg caaatctcct accttgttcc cccaccggga gtgtccattg cctcctacag tcgctgtcgc cggctctatc tctgcaacaa
801  cctcaccaat ttggagcctt ttgtgaaact caaggccagc actcctaagt ctatcacatc tgcgtcctgt agctgcccca cctgtgtggg cgagcacatg
901  aaggattgcc tcccaaatth tgcaccact aattcttgcc ccttggtgct ttctacgtgt tacagtcca ccttaaaatt tcaggcaggg tttctcaata
1001 ccaccttccct cctcatgggg ttgtctcgtg aacataacca gcttttagca gattttctc atattgggag catcaaatg actgaggtcc tcaacatctt
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1301 ctcacaattc cacacaacat acgagccgga agcataaaat gtaagcctg ggttgccctaa tgagtgcgt aactcacatt aattgcgttg cgctcactgc
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2001 acttatcgcc actggcagca gccactggta acaggattag cagagcgagg tatgtaggcg gtgctacaga gttcttgaag ttgtggccta actacggcta
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2301 agcaaaactc acgttaaggg atttttggtc tagattatc aaaaaggatc ttcacctaga tccttttaaa ttaaaaatga agttttaaat caatctaaag
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2501 cccgctcgtg agataactac gatacgggag ggcttaccat ctggccccag tgctgcaatg ataccgcgg agccacgctc accggctcca gttttatcag
2601 caataaaacca gccagccgga agggccgagc gcagaagtgg tcctgcgaact ttatccgctt ccatccagtc tattaattgt tgccgggaag cttagagtaag
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2901 tatcactcat ggttatggca gcaactgata attctcttac tgtcatgcca tcctgtaagt gcttttctgt gactgggtgag tactcaacca agtcattctg
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3301 tcaatattat tgaagcattt atcagggtta ttgtctcatg agcggataca tatttgaatg tatttagaaa aataaacaat taggggttcc gcgcacattt
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> RDC2293 Translated Insert Sequence

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1   mqpqhrlrvq lfcllgaist lpragallcy eatasrfrav afhnwkwllm rnmvcklqeg ceetlvfiet gtargvvgfk gcsssssyypa qisylvsppg
101  vsiasysrvc rsylcnlnlt lepfvklkas tpksitsasc scptcvgehm kdclpnfvtt nscplaastc ysstlkfqag flnttflimg carehnqla
201  dfhhigsikv tevl Nileks qivgaassrq dpawgvvlgl lfafdr

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