

Specifications:

Gene:	<i>hLGALS8</i>
Accession:	NP_963837.1
Insert size:	967bp
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.

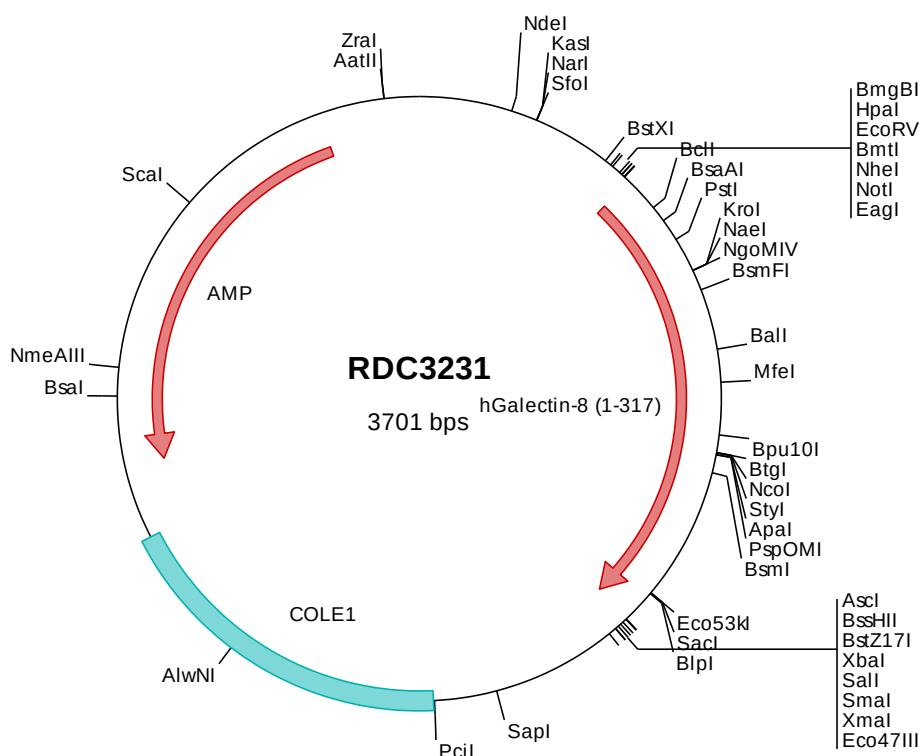
hGalectin-8 cDNA Plasmid

LGALS8 galectin 8 [*Homo sapiens* (human)]

Also known as: Gal-8; PCTA1; PCTA-1; Po66-CBP

Summary:

Galectin-8 is a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. Galectin-8 is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions.



> RDC3231 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgatgtgt ccttaaacaa cctacagaa atcatctata acccgtaat
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601  cagaatggca gcagcatgaa acctcgagcc gatgtggcct ttcatttcaa tctctgttcc aaaagggcgg gctgcattgt ttgcaatact ttgataaatg
701  aaaaatgggg acgggaagag atcacctatg acacgccttt caaaagagaa aagtcctttt agatcgtgat tatgtgtctg aaggacaaat tccaggtggc
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3601 tcgcgcgaca tttcccgaa aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcacgag gcccttctg
3701  c

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> RDC3231 Translated Insert Sequence

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101  ksfeivimvl kdkfkqvavng khtllyghri gpekidlgtl ygkvnihsig fsfssdlqst qassleltei srenvpksgt pqlrlpfaar lntpmgpgrt
201  vvvkgevnan aksfnvdlla gkskdialhl nprlnikafv rnsflqeswg eeernitsfp fspgmyfemi iycdvrefkv avngvhsley khfrkelssi
301  dtleingdih llevrsw

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