

**Specifications:**

Gene:	<i>h</i> CHI3L1
Accession:	NP_001267.2
Insert size:	1165bp
Concentration:	10µg at 0.2µg/µL

## *h*Chitinase 3-like 1 cDNA Plasmid

**CHI3L1 chitinase 3 like 1 [ *Homo sapiens* (human) ]**

**Also known as:** GP39; ASRT7; GP-39; YK-40; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39

**Summary:**

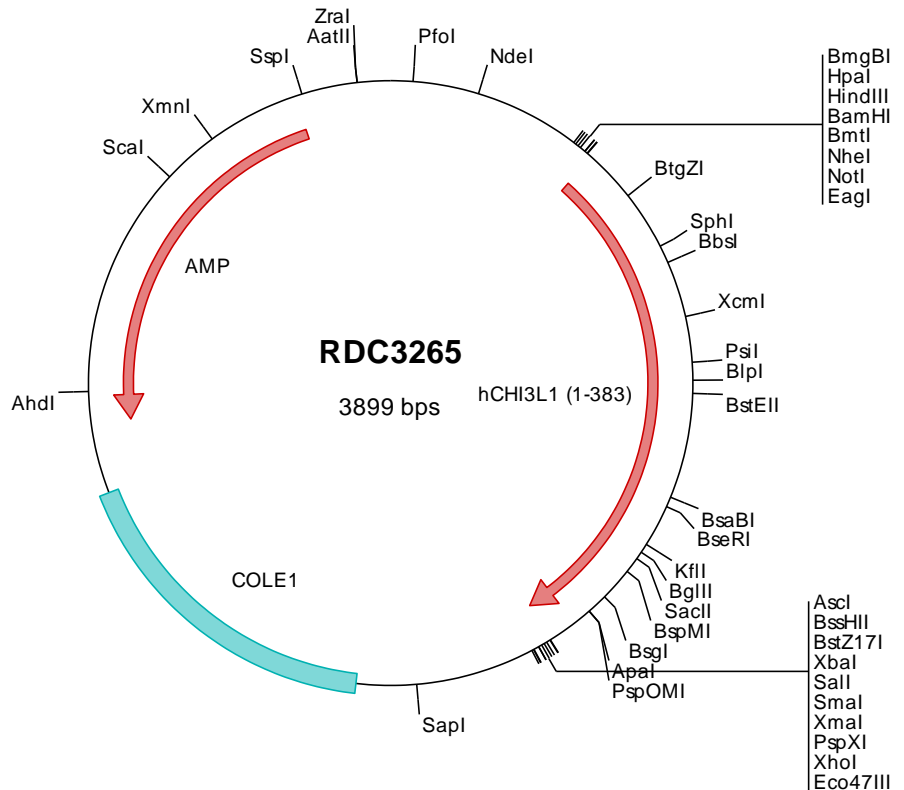
CHI3L1 is a secreted glycoprotein belonging to the family of chitinase-like lectins. These proteins are structurally related to the glycosylhydrolase family 18, but lack enzymatic activity. CHI3L1 is expressed by chondrocytes, synovial cells, macrophages and neutrophils. It has been found to play a role in down-regulating cytokine-induced inflammatory responses.

**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.



> RDC3265 Plasmid DNA Sequence

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> RDC3265 Translated Insert Sequence

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