

## Specifications:

Gene:	hLAMP5
Accession:	NP_036393
Insert size:	855bp
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.

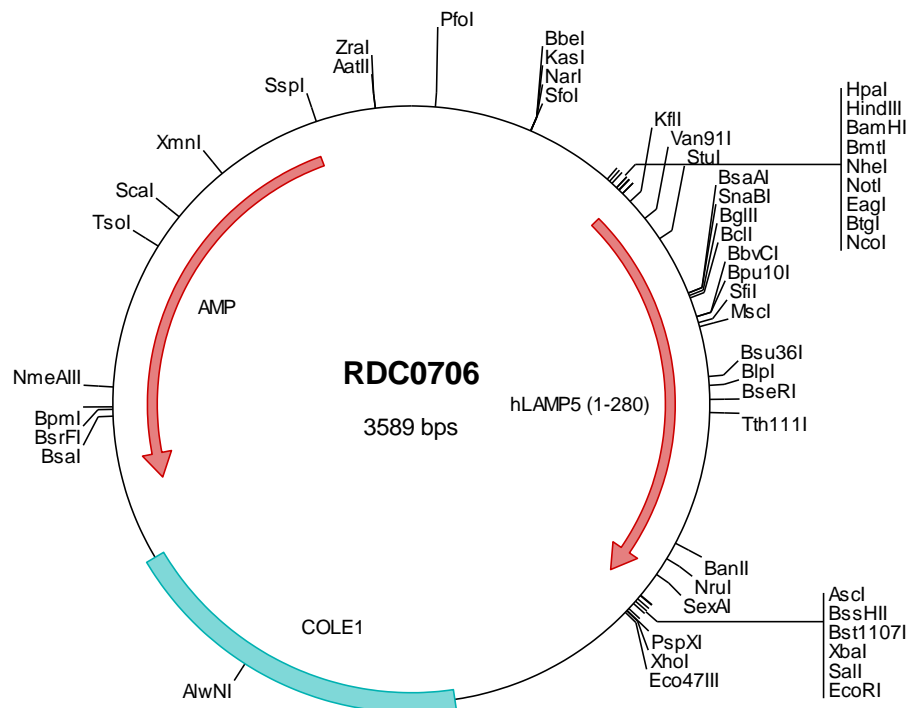
## hBAD-LAMP/LAMP5 cDNA Plasmid

**LAMP5 lysosomal-associated membrane protein family, member 5 [ *Homo sapiens* (human) ]**

**Also known as:** LAMP-5; UNC-43; BADLAMP; BAD-LAMP; C20orf103

### Summary:

LAMP5 is a glycosylated member of the family of lysosome-associated membrane proteins (LAMPs). It is also known as brain and dendritic cell-associated lysosome-associated membrane protein (BAD-LAMP). LAMP5 can be found in the type I IFN-producing plasmacytoid dendritic cells. The restricted pattern of LAMP5 expression allows for the identification of normal and leukemic human plasmacytoid dendritic cells in tissues and blood. It is a biomarker for blastic plasmacytoid dendritic cells neoplasia.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



## > RDC0706 Plasmid DNA Sequence

```
1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
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601 cgggaaaatg ggacgacgtg tctcatggca gagtttgacg ccaaatttat tgtaccttat gatgtgtggg ccagcaacta cgtagatctg atcacagaac
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```

## > RDC0706 Translated Insert Sequence

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1 mdlqgrgvps idrlrvllml fhtmaqimae qevenlsgls tnpkdfivv renngttclma efaakfivpy dwwasnyvdl iteqadialt rgaevkgrcg
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201 milsavhiqp fdiisdvfvfs eehkcpvder eqleelplli lglilglvim vtlaiyhvhh kmtanqvqip rdrsrykhmg
```