

Specifications:

Gene:	hMME
Accession:	NP_009218
Insert size:	2265bp
Concentration:	10µg at 0.2µg/µL

hNeprilysin/CD10 cDNA Plasmid

MME membrane metalloendopeptidase [*Homo sapiens* (human)]

Also known as: NEP; SFE; CD10; CALLA; CMT2T; SCA43

Summary:

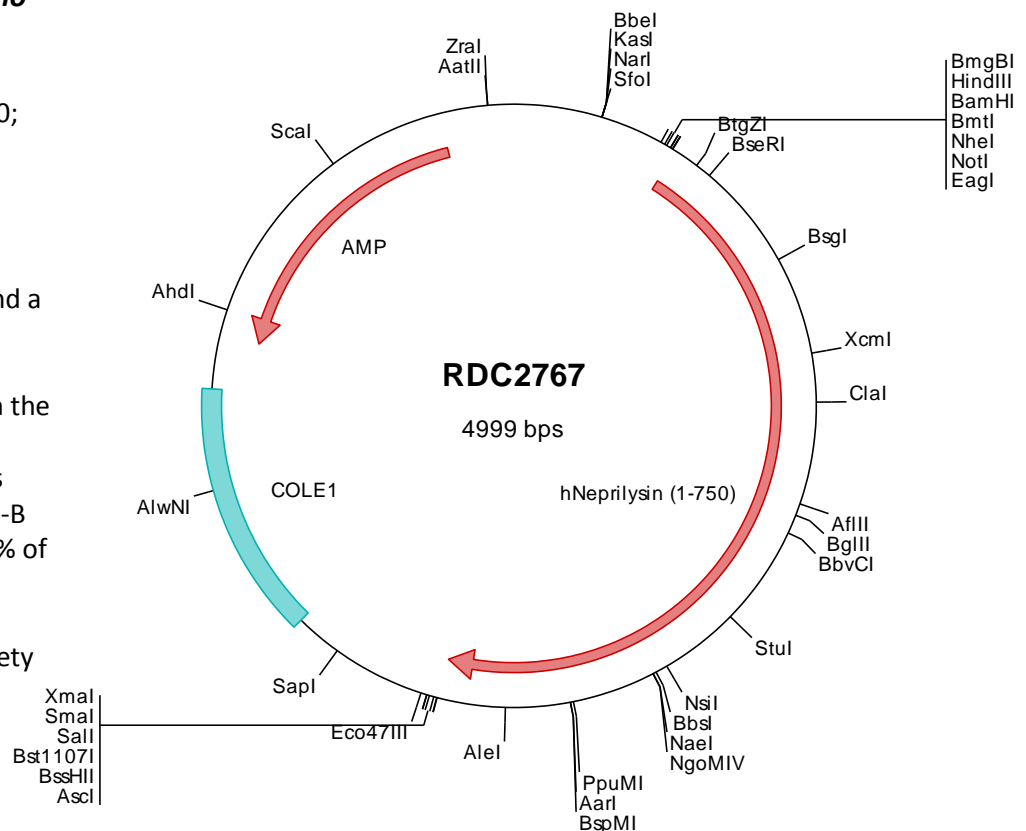
Neprilysin is a type II transmembrane glycoprotein and a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). It is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. Neprilysin is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2767 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC2767 Translated Insert Sequence

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