

Specifications:

Gene:	<i>hL1CAM</i>
Accession:	CAA42508
Insert size:	3787bp
Concentration:	10µg at 0.2µg/µL

**hL1CAM cDNA
Plasmid**

**L1CAM L1 cell adhesion
molecule [*Homo sapiens*
(human)]**

Also known as: S10; HSAS; MASA;
MIC5; SPG1; CAML1; CD171; HSAS1;
N-CAML1; NCAM-L1; N-CAM-L1

Summary:

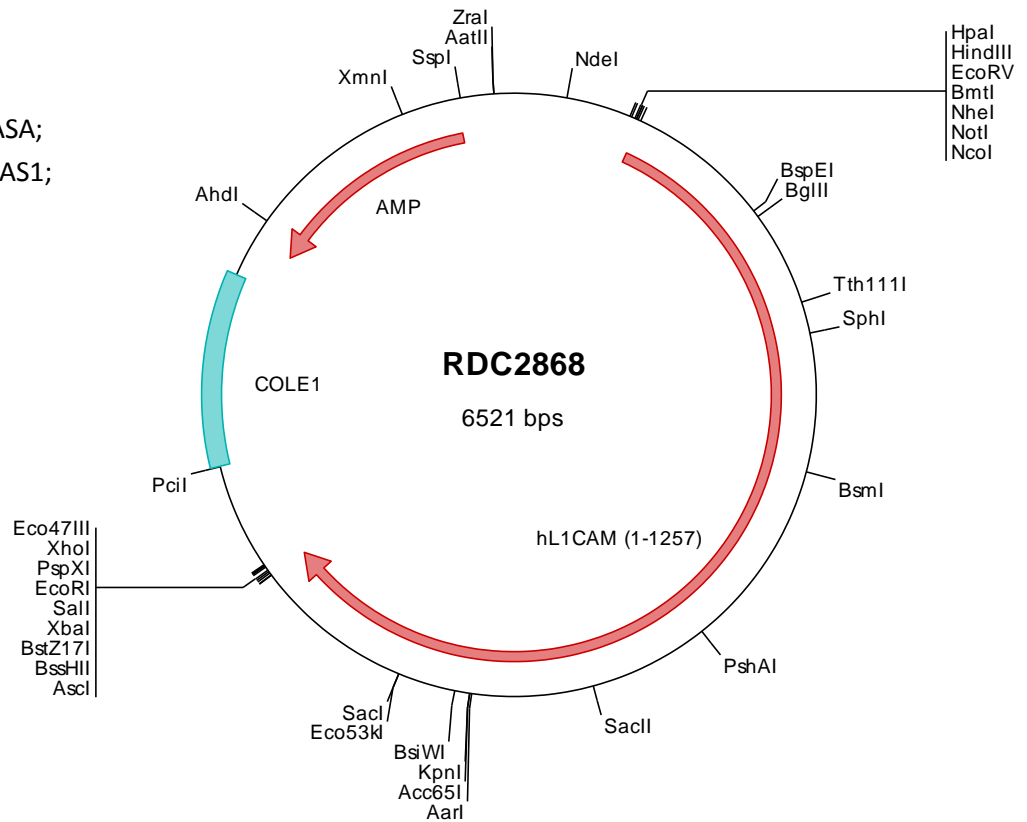
L1CAM is an axonal glycoprotein belonging to the immunoglobulin supergene family. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in L1CAM cause X-linked neurological syndromes known as CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus).

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

> RDC2868 Plasmid DNA Sequence

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> **RDC2868 Translated Insert Sequence**

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