

Specifications:

Gene:	hCD48
Accession:	NP_001769
Insert size:	745bp
Concentration:	10µg at 0.2µg/µL

hCD48/SLAMF2 cDNA Plasmid

CD48 CD48 molecule [*Homo sapiens* (human)]

Also known as: BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102

Summary:

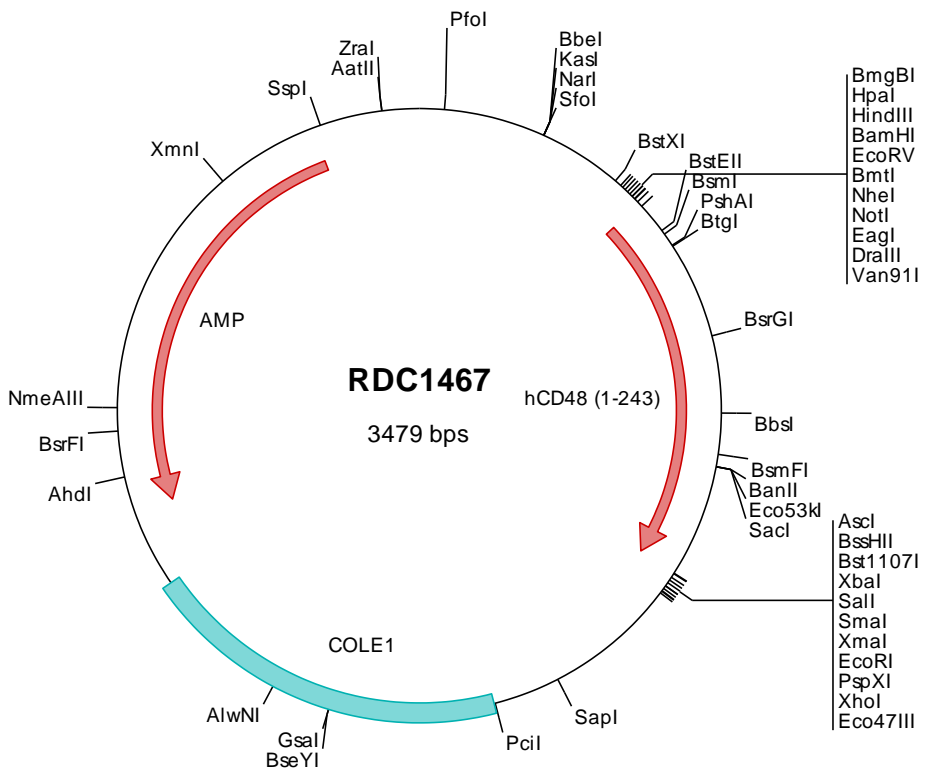
SLAMF2 is a member of the CD2 subfamily of immunoglobulin-like receptors. It is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. SLAMF2 does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which may be cleaved to yield a soluble form of the receptor. Alternatively spliced transcripts encoding different proteins have been described.

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

> RDC1467 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1467 Translated Insert Sequence

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