

Specifications:

Gene:	<i>h</i> CD248
Accession:	NP_065137
Insert size:	2287bp
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.

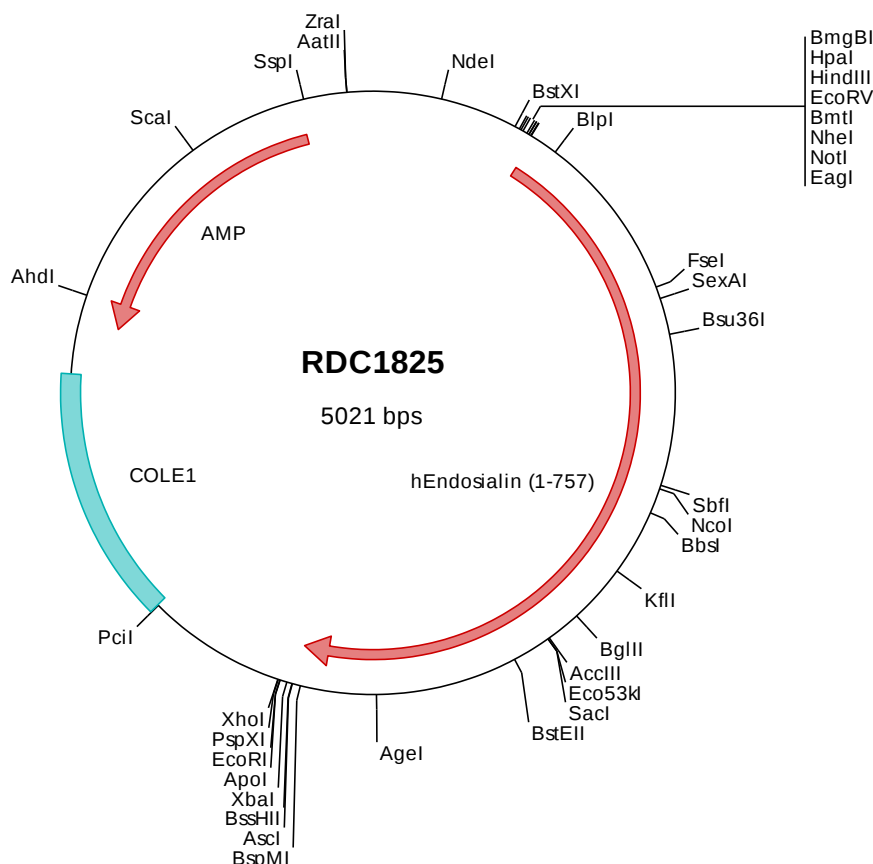
*h*Endosialin/CD248 cDNA Plasmid

CD248 CD248 molecule [*Homo sapiens* (human)]

Also known as: TEM1; CD164L1

Summary:

CD248 is a transmembrane O-glycosylated protein that contains one C-type lectin, one Sushi, one EGF-like domain and a mucin-like stalk in its extracellular domain (ECD). It is expressed on activated perivascular and stromal cells in embryonic and tumor neovasculature but is downregulated in quiescent vasculature. CD248 regulates pericyte proliferation, migration, and adhesion to matrix Fibronectin and Collagens I and IV. It is also required for lymph node and spleen remodeling during immune responses.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1825 Plasmid DNA Sequence

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> RDC1825 Translated Insert Sequence

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