

Specifications:

Gene:	hVSTM5
Accession:	NP_001138343
Insert size:	616bp
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.

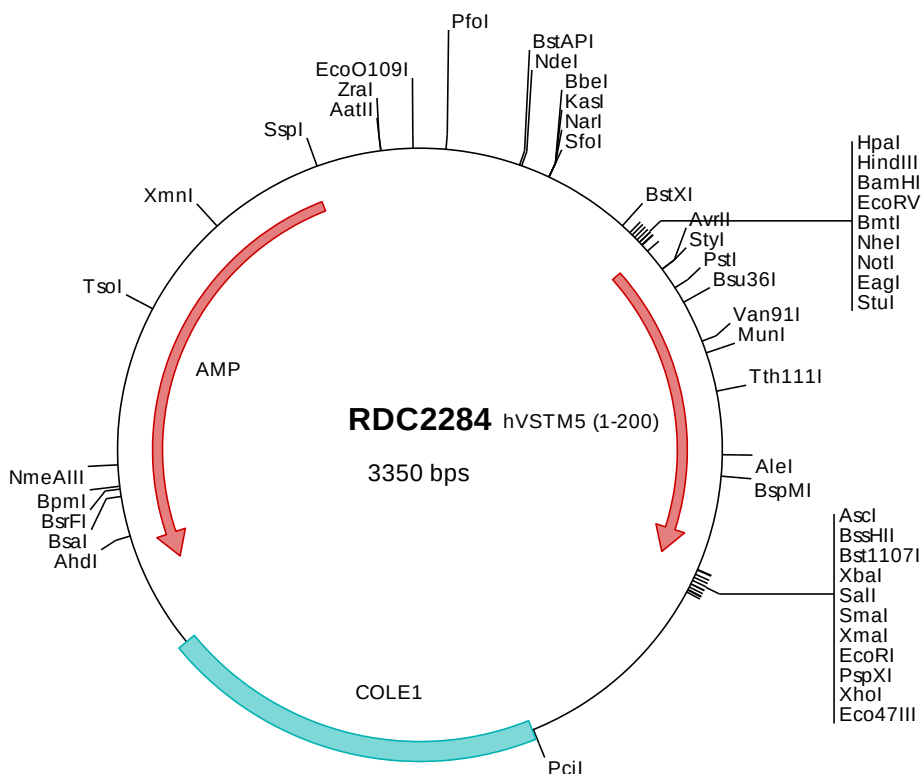
hVSTM5 cDNA Plasmid

VSTM5 V-set and
transmembrane domain
containing 5 [*Homo sapiens*
(human)]

Also known as: C11orf90

Summary:

VSTM5 is a cell adhesion-like membrane protein of the central nervous system (CNS) which modulates both the position and complexity of central neurons by altering their membrane morphology and dynamics. It is involved in the formation of neuronal dendrites and protrusions including dendritic filopodia.



> RDC2284 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC2284 Translated Insert Sequence

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