

Specifications:

Gene:	hSV2A
Accession:	NP_055664
Insert size:	2241bp
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.

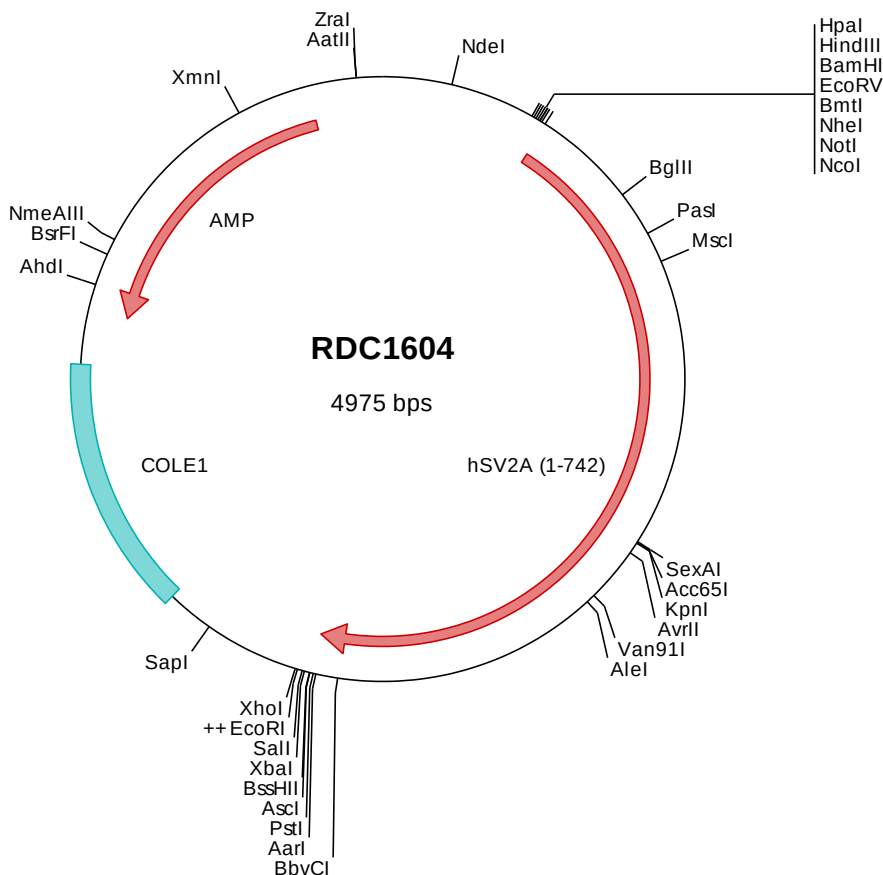
hSV2A cDNA Plasmid

SV2A synaptic vesicle glycoprotein 2A [*Homo sapiens* (human)]

Also known as: SV2

Summary:

SV2A belongs to the major facilitator superfamily. It plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. It may also positively regulate vesicle fusion by maintaining the readily releasable pool of secretory vesicles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1604 Plasmid DNA Sequence

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> RDC1604 Translated Insert Sequence

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