

Specifications:

Gene:	<i>hTPBG</i>
Accession:	NP_006661
Insert size:	1275bp
Concentration:	10µg at 0.2µg/µL

h5T4 cDNA Plasmid

TPBG trophoblast glycoprotein
[*Homo sapiens* (human)]

Also known as: 5T4; M6P1; 5T4AG;
WAIF1

Summary:

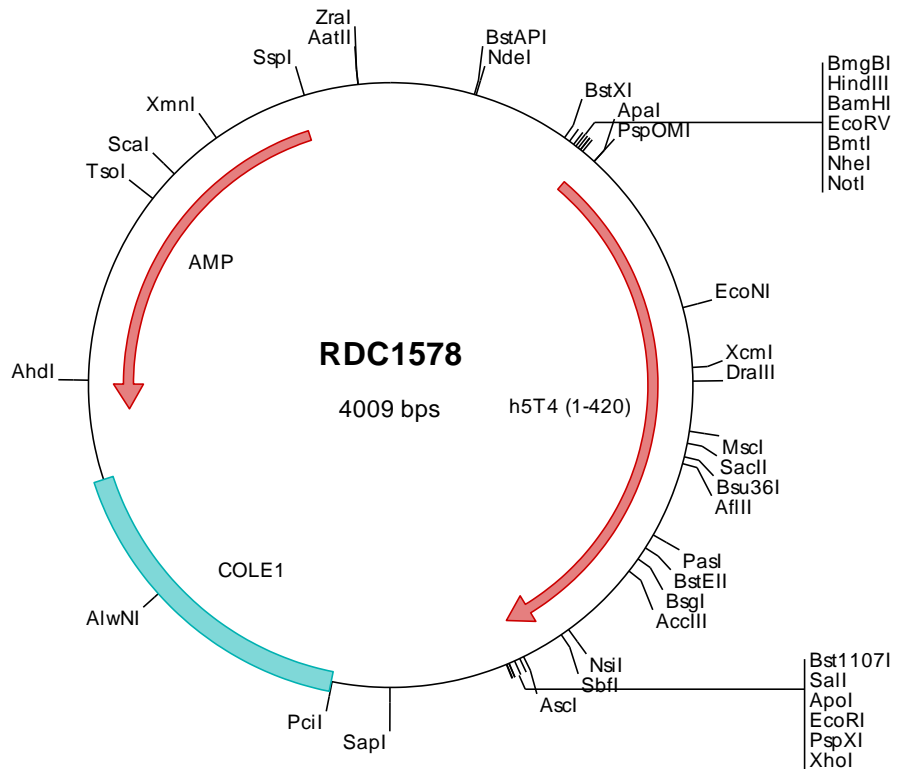
5T4 is a member of the LRR family of proteins. It is a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion and motility. It is an oncofetal antigen that is specific to trophoblast cells. In adults 5T4 is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers.

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

> RDC1578 Plasmid DNA Sequence

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> RDC1578 Translated Insert Sequence

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