

Specifications:

Gene:	hSTAMP2
Accession:	NP_078912
Insert size:	1393bp
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.

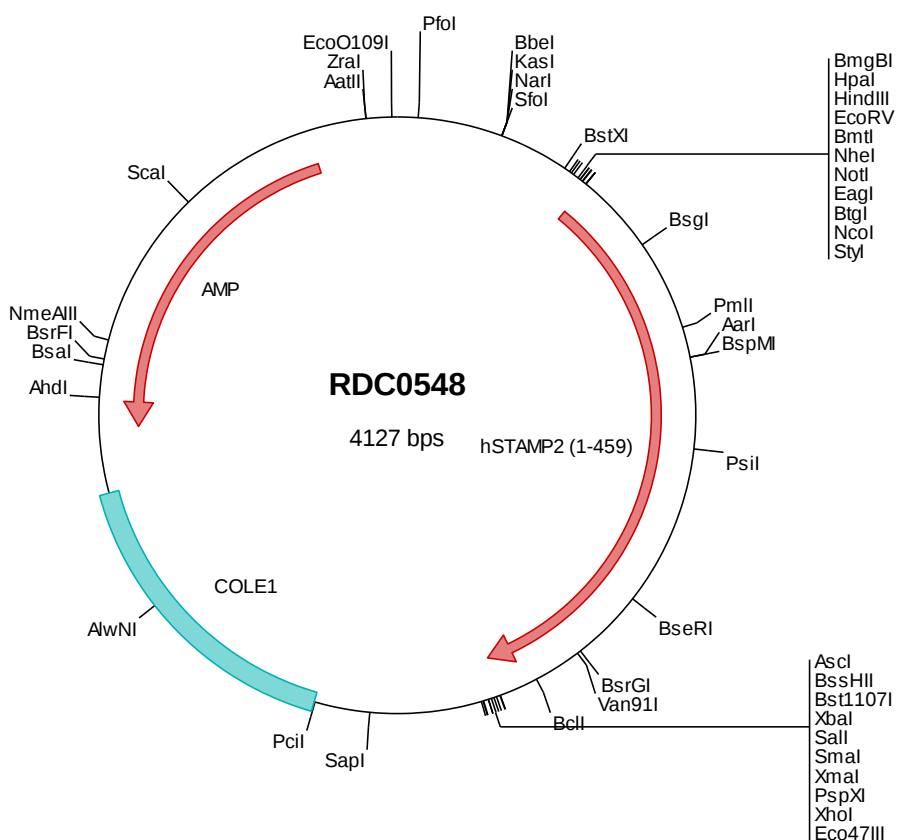
hSTAMP2 cDNA Plasmid

STEAP4 STEAP family member 4
[*Homo sapiens*]

Also known as: TIARP; STAMP2;
TNFAIP9

Summary:

STAMP2 belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and is expressed in the golgi apparatus. STAMP2 is a metalloredutase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as an acceptor. It may be involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different proteins have been identified for STAMP2.





> RDC0548 Plasmid DNA Sequence

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> RDC0548 Translated Insert Sequence

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