

Specifications:

Gene:	<i>hUSP7</i>
Accession:	NP_003461.2
Insert size:	3322bp
Concentration:	10µg at 0.2µg/µL

hUSP7 cDNA Plasmid

**USP7 ubiquitin specific
peptidase 7 [*Homo sapiens*
(human)]**

Also known as: TEF1; HAUSP;
HAFOUS

Summary:

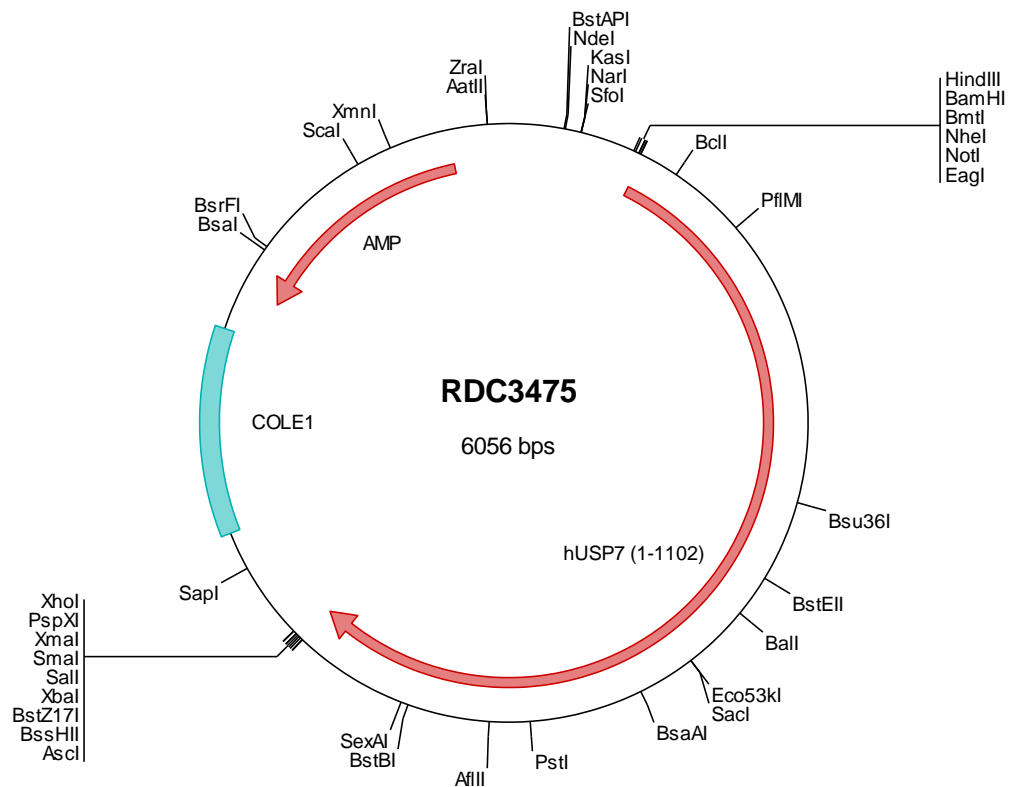
USP7 belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. It deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in USP7 have been implicated in a neurodevelopmental disorder.

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.



> RDC3475 Plasmid DNA Sequence

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> RDC3475 Insert Sequence

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