

Specifications:

Gene:	<i>hUSP28</i>
Accession:	NP_065937
Insert size:	3247bp
Concentration:	10µg at 0.2µg/µL

**hUSP28 cDNA
Plasmid**

**USP28 ubiquitin specific
peptidase 28 [*Homo sapiens*
(human)]**

Summary:

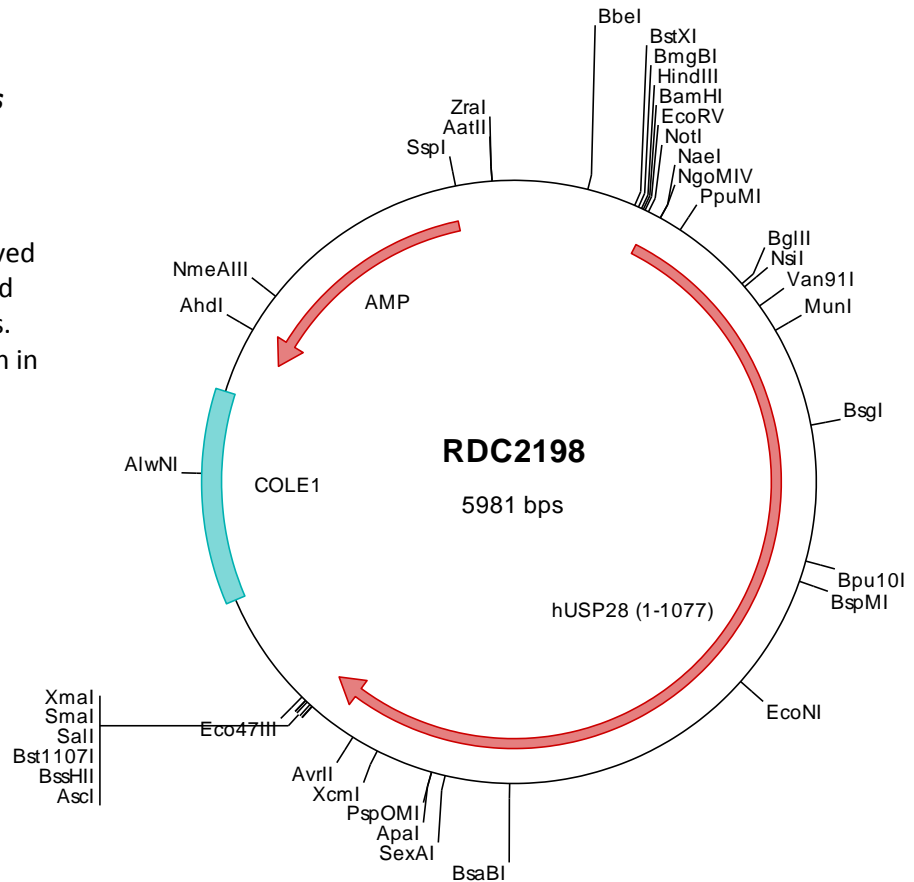
USP28 is a deubiquitinase involved in the DNA damage pathway and DNA damage-induced apoptosis. Overexpression of USP28 is seen in several cancers.

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.





> RDC2198 Plasmid DNA Sequence

1 tcgcgcgctt cggtgatgac ggtgaaacc totgacacat gcagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagccgggt ttggcggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtg accatagcgg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgc aactgttggg aagggcgatc ggtgcccggc tcttcgctat
301 tacgccaact ggcgaaaagg ggatgtgctg caagggcatt aagttgggta agcccgagggt tttcccagtc acgagctgtt aaaacgacgg ccagtgattt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc ggccgcccac atgactgtct agctgcaaca ggacgacgcg gccggcgccg cagacggcca
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601 attactcagg cagtcagcct tctcaactga gagagagttt aggagcccag tcaagacact gttgctacag aaccatctga agtagagggg agtgctgcca
701 acaaggaaat attagcaaaa gtatagacc ttactcaatga taacaaaagt gatctccagg ttcggatgctg ttgagctctc ccaaaaatca
801 agctgatgga agagatctta acaggatgca tgaagcaacc tctgcagaaa ctaaacgctc aaagagaaaa cgctgtgaag tctggggaga aaaccccaat
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1501 ggaacaagca gttggtttac aaagctacc ctagtttgca ccttgaact ctcaagattt gactttaatc agtccctgg gcagccagag aaattcaaca
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> RDC2198 Translated Insert Sequence

1 mtaelqgdda agaandghss cqmllnqlre itgigdpsfl healkasngd itqavsl1td ervkepsqdt vatepsevge saankevlak vidlthdnkd
101 dlqaaialsl lespkigadg rdlnrmheat saetrkrkrk roevwgenpn pdwrrrdvgw pvglnkvngt cwfsavigs1 fqlpfeprlv lsyslpqnl
201 encrshtekr nimfmqlqy lflalmgsnr kfvdpasaal llkgafrsse eqqqdvseft hklldwleda fqlavvnsp rnksenpmvq lfygtflteg
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401 skellrnkre cirklkeek ilqkcleryv kygsgparfp lpdmlkyvie fastkpsases cpesdthmt plpsvchsv sdtgskests ctacsqdvse
501 tfsspedslp kskpltsrs smempsqpap rvtvdeinf vktclqrwrs eieqdiqdkl tciaastgti eqmycdplr gvpyrhlavl vhegganagh
601 ywaylyngpr qswlkyndis vtessweeve rdsyggllrnv sayclmyind klpfyfaeaa ptesdqmssev ealsvelkhy iqednrwrfq edveeeegs
701 ckipmesst nsssgydst vrcslsehav ivkeqtagai antarayeks gvealsevml lpspmggvii aiakargtfd rdgseaglik
801 afheysrlly qlaketptsh sdprlqhlvl yffqneapkr vvertlleqf adknlsyder sisimkvaq klkeigpddm nmeeykkwh dyslfrkvsv
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