

Specifications:

Gene:	<i>hPTX3</i>
Accession:	NP_002843
Insert size:	1159bp
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.

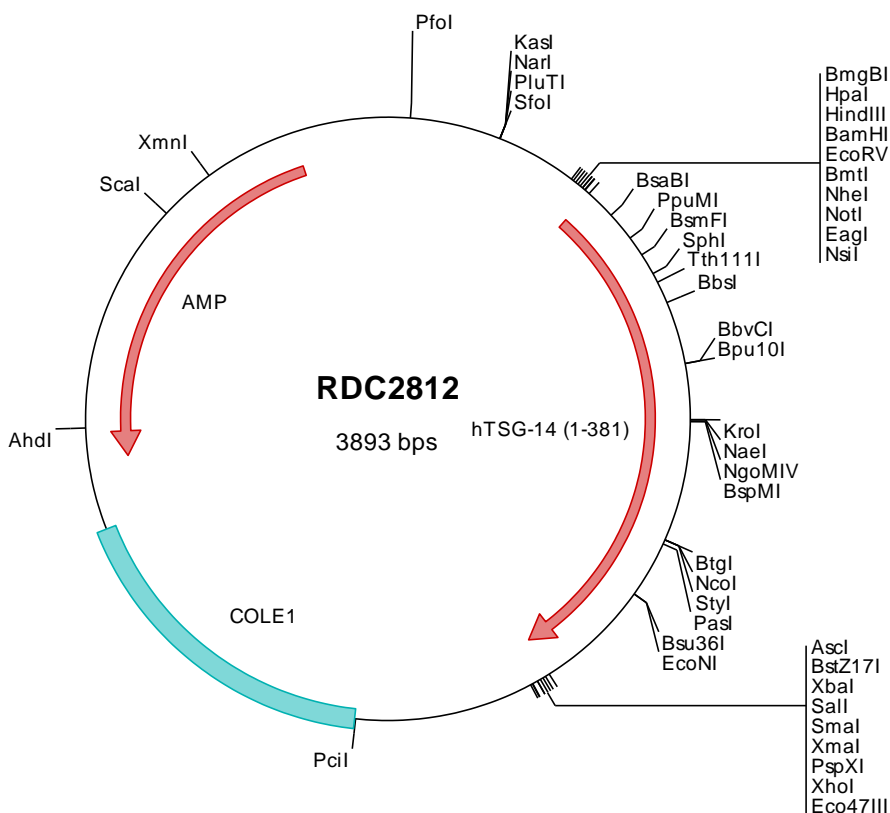
***hPentraxin 3/TSG-14*
cDNA Plasmid**

PTX3 pentraxin 3 [*Homo sapiens* (human)]

Also known as: TSG-14; TNFAIP5

Summary:

TSG-14 is a member of the pentraxin protein family. Expression of TSG-14 is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. It promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. TSG-14 serves as a biomarker for several inflammatory conditions.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2812 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
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> RDC2812 Translated Insert Sequence

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201 pmrlesfsac iwwkatdvl nktlfsygtk rnpyeiqlyl syqsivfvvg geenklvaea mvslgrwthl cgtwnseegl tslwvngela attvemathg
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