

Specifications:

Gene:	<i>h</i> TGM6
Accession:	NP_945345.2
Insert size:	2134bp
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.

*h*Transglutaminase 6 cDNA Plasmid

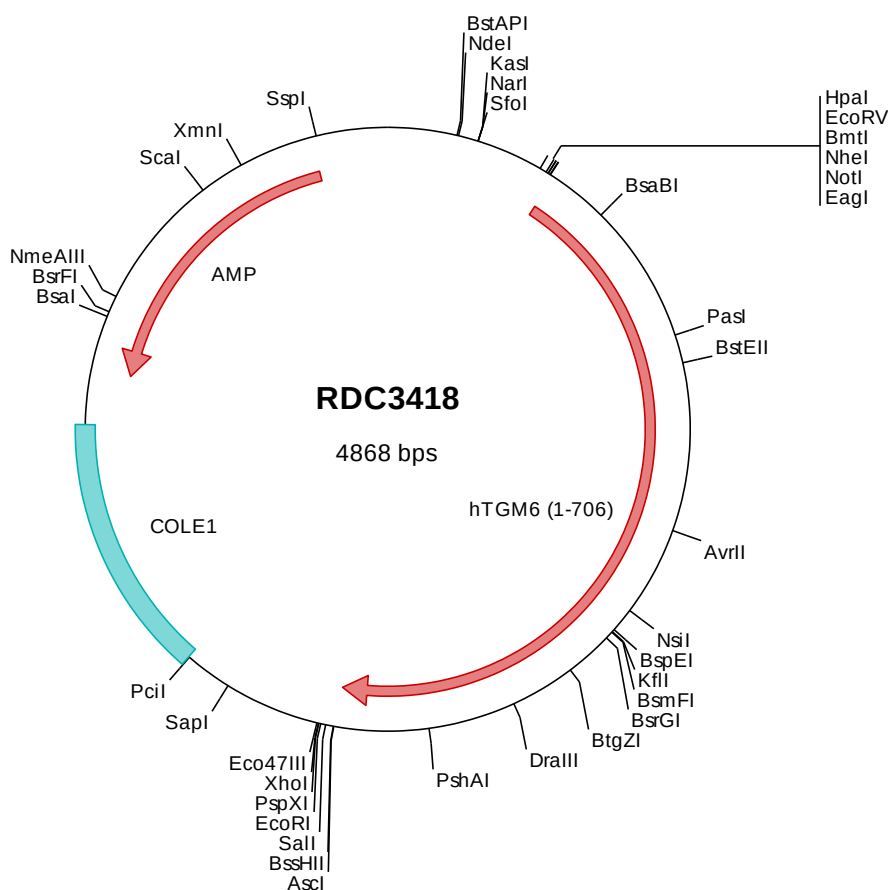
TGM6 transglutaminase 6

[*Homo sapiens* (human)]

Also known as: TG6; TGY; SCA35;
TGM3L; dJ734P14.3

Summary:

TGM6 belongs to the transglutaminase superfamily. It catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Mutations in TGM6 are associated with spinocerebellar ataxia type 35 (SCA35). Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3418 Plasmid DNA Sequence

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> RDC3418 Translated Insert Sequence

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701  hvatak

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