

[Go to Product page](#)

## Datasheet for ABIN7447998 TRGC2 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	TRGC2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRGC2 protein is labelled with His tag.

### Product Details

Purpose:	Human TRGC2 Protein, His Tag
Sequence:	Asp 1 - Ala 154
Characteristics:	Human TRGC2, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 1 - Ala 154 (Accession # P03986-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

### Target Details

Target:	TRGC2
Alternative Name:	TRGC2 ( <a href="#">TRGC2 Products</a> )
Background:	Synonyms:TRGC2,Description:The transmembrane protein, TCR, comprise of two disulphide-linked polypeptide chains: a α and β chain, a γ and δ chain. Each polypeptide chain consists of a variable and a constant region. TRGC2 is the constant region of T-cell receptor (TCR) gamma

## Target Details

chain. It recognizes the non-peptide antigens frequently expressed at the epithelial boundaries, which means the antigens activating  $\gamma\delta$  T cells are mostly MHC independent. A wide range of  $\gamma\delta$  T cell functions have been described in humans and mice, including skin and mucosal epithelial wound repair, induction of tolerance, cytotoxicity and the production of various cytokines that regulate immune responses.

Molecular Weight:	19.5 kDa
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## Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 19.5 kDa. The protein migrates as 30-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Buffer:	PBS, pH 7.4
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Storage:	-20 °C
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Storage Comment:	-20°C
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