Datasheet for ABIN7316999

TRGC1 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	TRGC1 (TRGV9)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRGC1 protein is labelled with His tag.

Product Details

Purpose:	Human TRGC1 Protein, His Tag
Sequence:	Asp 1- Ala 138
Characteristics:	Human TRGC1, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 1- Ala 138 (Accession # P0CF51-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	TRGC1 (TRGV9)
Alternative Name:	TRGC1 (TRGV9 Products)
Background:	Synonyms:TRGC1,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. TRGC1 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 γδ T cells are mostly MHC independent. A wide range of γδ 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:	17.6 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 17.6 kDa. The protein migrates as 30-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

Handling

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