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## Datasheet for ABIN7316999 TRGC1 Protein (His tag)

### 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 ( <a href="#">TRGV9 Products</a> )  |
| 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

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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.

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Molecular Weight: 17.6 kDa

## Application Details

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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.

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Restrictions: For Research Use only

## Handling

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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