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Datasheet for ABIN7448092
TRDC Protein (His tag)

Overview

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

Product Details

Purpose:	Human TRDC Protein, His Tag
Sequence:	Ser 1 - Val 129
Characteristics:	Human TRDC, His Tag is expressed from human 293 cells (HEK293). It contains AA Ser 1 - Val 129 (Accession # B7Z8K6-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	TRDC
Alternative Name:	TRDC (TRDC Products)
Background:	Synonyms:TRDC,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. TRDC is the constant region of T-cell receptor (TCR) delta chain.

Target Details

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: 16.4 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 16.4 kDa. The protein migrates as 27-33 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