Datasheet for ABIN7317000

TRBC1 Protein (Biotin,His-Avi Tag)

Overview

Quantity:	200 μg
Target:	TRBC1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRBC1 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human TRBC1 Protein, His,Avitag™
Sequence:	Asp 1 - Ala 144
Characteristics:	Biotinylated Human TRBC1, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Asp 1 - Ala 144 (Accession # P01850-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per μg

Target Details

Target:	TRBC1
Alternative Name:	TRBC1 (TRBC1 Products)
Background:	Synonyms:T cell receptor beta constant 1,TRBC1,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. TRBC1 is the constant region of

Target Details

	T-cell receptor (TCR) beta chain. TRBC1 is presented on the surface of T cell and recognized peptide-major histocompatibility (MH) (pMH) that are displayed by antigen presenting cells (APC). TRBC1 is participate in an adaptive immune response and has been well-studied in T cell therapy.
Molecular Weight:	19.9 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 19.9 kDa. The protein migrates as 23 kDa and 26 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