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Datasheet for ABIN7447977
TRAC Protein (His tag)

Overview

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

Product Details

Purpose:	Human TRAC Protein, His Tag
Sequence:	Ile 1 - Ser 115
Characteristics:	Human TRAC, His Tag is expressed from human 293 cells (HEK293). It contains AA Ile 1 - Ser 115 (Accession # P01848-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

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

Target Details

chain. TRAC is presented on the surface of T cell and recognized peptide-major histocompatibility (MH) (pMH) that are displayed by antigen presenting cells (APC). TRAC is participate in adaptive immune response and has been well-studied in T cell therapy.

Molecular Weight: 14.8 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 14.8 kDa. The protein migrates as 25-35 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