

Datasheet for ABIN7529394

TEK Protein (AA 23-748) (hIgG-His-tag)



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Overview

Quantity:	100 µg
Target:	TEK
Protein Characteristics:	AA 23-748
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TEK protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP TQERNRVFAS GQLLKFLPAA</p> <p>VADSGIYTCI VRSPTFNRTG YANVTIYKKQ SDCNVPDYL M YSTVSGSEKN SKIYCPTIDL</p> <p>YNWTAPLEWF KNCQALQGS R YRAHKSFLVI DNMVTE DAGD YTCKFIHNEN GANYSVTATR</p> <p>SFTVKDEQGF SLFPVIGAPA QNEIKEVEIG KNANLTCSAC FGKGTQFLAA VLWQLNGTKI</p> <p>TDFGEPRIQQ EEGQNQSFSN GLACLDMLVR IADVKEEDLL LQYDCLALNL HGLRRHTVRL</p> <p>SRKNPIDHHS LEHHHHHH</p>
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)
Biological Activity Comment:	Measured by its ability to inhibit proliferation using D10.G4.1 mouse helper T cells. The ED50 for this effect is less or equal to 10 ng/ml with IL-33.

Target Details

Target:	TEK
Alternative Name:	TEK (TEK Products)
Background:	IL1RL1, as known as interleukin-1 receptor-like 1 isoform 1, is and interleukin-1 receptor family glycoprotein that contributes to immune responses. As an important mediator involved in many immune and inflammatory responses, this cytokine has been implicated as a regulator of both the development and effector phases of type 2 helper T cell responses, and as a negative feedback modulator of macrophage pro-inflammatory function. Recombinant human IL1RL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	36kDa (318aa) 40-57kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_057316
UniProt:	Q01638
Pathways:	RTK Signaling, Growth Factor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.