

Datasheet for ABIN5608366

CD3 epsilon Protein (CD3E) (partial) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD3 epsilon (CD3E)
Protein Characteristics:	partial
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD3 epsilon protein is labelled with Fc Tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Asp 23 - Asp 108
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3 epsilon (CD3E Products)
Background:	T-cell surface glycoprotein CD3 delta & CD3 gamma chain, also known as CD3D & CD3G or CD3D&CD3G respectively, are single-pass type I membrane proteins. CD3D, together with CD3-epsilon(CD3E) , CD3-gamma and CD3-zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T cell receptor-CD3 complex. T cell receptor-CD3

Target Details

	complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways.
Molecular Weight:	36 kDa
Gene ID:	12501
UniProt:	P22646
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	This recombinant protein can be used for WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C,-80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.