

Datasheet for ABIN1095763

CD3 epsilon Protein (CD3E) (AA 23-207, full length) (GST tag)



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1 Image

Overview

Quantity:	100 µg
Target:	CD3 epsilon (CD3E)
Protein Characteristics:	AA 23-207, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD3 epsilon protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	DGNEEMGGIT QTPYKVSISG TTVILTCPQY PGSEILWQHN DKNIGGDEDD KNIGSDEDHL SLKEFSELEQ SGYYVCYPRG SKPEDANFYI YLRARVCENC MEMDVMSVAT IVIVDICITG GLLLLVYYWS KNRKAKAKPV TRGAGAGGRQ RGQNKERPPP VPNPDIYPIR KGQRDLYSGL NQRRI
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	T-cell surface glycoprotein CD3 epsilon chain protein (CD3E Products)

Target Details

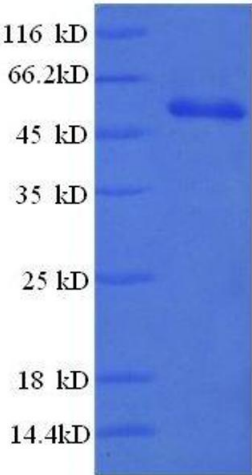
Background:	The CD3 complex mediates signal transduction.
Molecular Weight:	48.1 kD
UniProt:	P07766
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

Image 1. CD3e Molecule, epsilon (CD3-TCR Complex) (CD3E) (AA 23-207), (full length) protein (GST tag)