



[Go to Product page](#)

Datasheet for ABIN6387995

CD3G Protein (AA 23-116) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD3G
Protein Characteristics:	AA 23-116
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD3G protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPQSIKGNH LVKVYDYQED GSVLLTCDAE AKNITWFKDG KMIGFLTEDK KKWNLGSSNAK DPRGMVQCKG SQNKSPLQV YYRMCQNCIE LNAATISHHH HHH
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD3G
Alternative Name:	CD3G (CD3G Products)
Background:	CD3G, also known as T-cell surface glycoprotein CD3 gamma chain, is associated on the T cell surface with a complex of protein called CD3. The protein is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and

Target Details

gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal transduction pathways. Defects in this gene are associated with T cell immunodeficiency. Recombinant human CD3G protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 11.8kDa (103aa) 13.5-18kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_000064](#)

UniProt: [P09693](#)

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

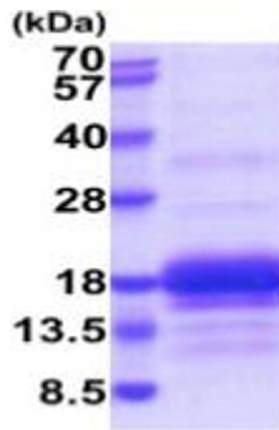
Format: Liquid

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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.