

Datasheet for ABIN7583259

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



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Overview

Quantity:	100 µg
Target:	CD3G
Protein Characteristics:	AA 23-116
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD3G protein is labelled with His tag.

Product Details

Purpose:	Human CD3G/CD3 gamma Protein
Sequence:	Gln23-Ser116
Characteristics:	Recombinant Human CD3G/CD3 gamma Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gln23-Ser116.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD3G
Alternative Name:	CD3G (CD3G Products)

Target Details

Background:	CD3 gamma, a subunit of the T cell receptor-CD3 (TCR/CD3) complex, helps to support surface TCR/CD3 expression and participates in signal transduction for gene induction after antigen recognition by T lymphocytes, and in TCR/CD3 down-modulation.
Molecular Weight:	12.31 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Tris-Bis PAGE result.
UniProt:	P09693
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months