

Datasheet for ABIN1098786

CD3G Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD3G
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD3G protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 90 % by SDS - PAGE
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Target Details

Target:	CD3G
Alternative Name:	CD3G (CD3G Products)

Background: The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and 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. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. Recombinant human CD3G protein, fused to His-tag at N-terminus, was expressed in E.coli.

Target Details

Molecular Weight:	13.1 kDa (117aa)
NCBI Accession:	NP_000064
Pathways:	TCR Signaling, CXCR4-mediated Signaling Events

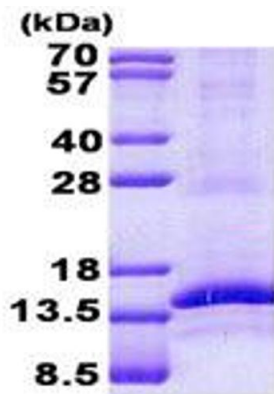
Application Details

Comment:	Synonyms: CD3g molecule, gamma (CD3-TCR complex), CD3-GAMMA, T3G
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M urea, 10% glycerol
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

Image 1.