



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CD3G (Human) Recombinant Protein

**Catalog Number:** P9641

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CD3G (P09693, 23 a.a. - 116 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMGSQSIKGNHLVKVYD  
YQEDGSVLLTCDAEAKNITWFKDGKMIGFLTEDKKKW  
NLGSAKDPGRMYQCKGSGNKSPLQVYYRMCQNCI  
ELNAATIS

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 13.1

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 90.0% by SDS-PAGE

**Recommend Usage:** Biological Activity

SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)

**Storage Instruction:** Store at 2°C to 8°C for 2-4 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 917

**Gene Symbol:** CD3G

**Gene Alias:** CD3-GAMMA, FLJ17620, FLJ17664,

FLJ79544, FLJ94613, MGC138597, T3G

**Gene Summary:** 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. [provided by RefSeq]