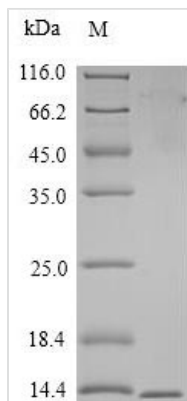




# Recombinant Macaca fascicularis T-cell surface glycoprotein CD3 gamma chain (CD3G), partial

<b>Product Code</b>	CSB-YP850179MOV
<b>Relevance</b>	The CD3 complex mediates signal transduction.
<b>Abbreviation</b>	Recombinant Cynomolgus monkey CD3G protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q95LI7
<b>Alias</b>	T-cell receptor T3 gamma chain CD_antigen: CD3g
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	QSFEENRKLNVYNQEDGSVLLTCHVKNTNITWFKEGKMIDILTAHKNKWNLGS NTKDPRGVYQCKGSKDKSKTLQVYYRMCQNCIELNAAT
<b>Research Area</b>	Immunology
<b>Source</b>	Yeast
<b>Target Names</b>	CD3G
<b>Protein Names</b>	Recommended name: T-cell surface glycoprotein CD3 gamma chain Alternative name(s): T-cell receptor T3 gamma chain CD_antigen= CD3g
<b>Expression Region</b>	23-113aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	12.5kDa
<b>Protein Length</b>	Extracellular Domain

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Introducing our Recombinant *Macaca fascicularis* CD3G, specifically engineered for immunology research and applications involving the T-cell surface glycoprotein CD3 gamma chain. Derived from *Macaca fascicularis* (Crab-eating macaque or *Cynomolgus* monkey), this protein encompasses the extracellular domain with an expression region of 23-113aa, ensuring a high-quality product for your research needs.

Produced in a yeast expression system, our CD3G protein is equipped with an N-terminal 6xHis tag for straightforward purification and detection processes. With a purity greater than 90% as determined by SDS-PAGE, our recombinant protein is available in both liquid and lyophilized powder forms to suit your specific experimental requirements. Trust our precision-crafted Recombinant *Macaca fascicularis* CD3G to deliver consistent, reliable results for your immunology research.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.