9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FCGRT Mouse

Fc Fragment Of IgG Receptor And Transporter Mouse Recombinant
RCP0843

Product Overview

Name	FCGRT Mouse

Description

Fc Fragment Of IgG Receptor And Transporter Mouse Recombinant

Accession (Primary)	Q61559

Synonyms

IgG receptor FcRn large subunit p51, FcRn, IgG Fc fragment receptor transporter alpha chain, Neonatal Fc receptor, Fcgrt, Fcrn.

Introduction

Fc Fragment Of IgG Receptor And Transporter also known as FCGRT is a transmembrane glycoprotein with structural homology to MHC class 1 proteins. FCGRT is widely expressed in endothelial and epithelial cells and takes a vital part in IgG homeostasis. Moreover, FCGRT is expressed in neutrophils in addition myeloid antigen presenting cells. FCGRT can enhance IgG-meditated phagocytosis as well as antigen presentation by heses cells, however it promotes the degradation of opsonizing IgG rather than returning it to the circulation.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

FCGRT protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

ADP SETRPPL MYHLTAVSNP STGLPSFWAT GWLGPQQYLT YNSLRQEADP CGAWMWENQV SWYWEKETTD LKSKEQLFLE ALKTLEKILN GTYTLQGLLG CELASDNSSV PTAVFALNGE EFMKFNPRIG NWTGEWPETE IVANLWMKQP DAARKESEFL LNSCPERLLG HLERGRRNLE WKEPPSMRLK ARPGNSGSSV LTCAAFSFYP

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PELKFRFLRN GLASGSGNCS TGPNGDGSFH AWSLLEVKRG DEHHYQCQVE HEGLAQPLTV DLDSSARSS H HHHHH.

Precautions

FCGRT Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q61559)