

Recombinant Human FCGRT 293 Cell Lysate

Cat. No. FCGRT-6278HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

FCGRT Fc fragment of IgG, receptor, transporter, alpha [Homo sapiens]

Official Symbol

FCGRT

Synonyms

FCGRT; Fc fragment of IgG, receptor, transporter, alpha; IgG receptor FcRn large subunit p51; alpha chain; FCRN; FcRn alpha chain; neonatal Fc receptor; neonatal Fc-receptor for Ig; IgG Fc fragment receptor transporter alpha chain; immunoglobulin receptor, intestinal, heavy chain; major histocompatibility complex class I-like Fc receptor; alpha-chain;

Gene ID

2217

mRNA Refseq

NM_001136019

Protein Refseq

NP_001129491

MIM

601437

UniProt ID

P55899

**Chromosome
Location**

19q13.3

Function

IgG binding; beta-2-microglobulin binding; receptor activity;

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