

Recombinant Human FCER1G 293 Cell Lysate

Cat. No. FCER1G-6281HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (FCER1G) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

FCER1G Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide [Homo sapiens]

Official Symbol

FCER1G

Synonyms

FCER1G; Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide; high affinity immunoglobulin epsilon receptor subunit gamma; fcRgamma; fceRI gamma; fc-epsilon RI-gamma; Fc receptor gamma-chain; immunoglobulin E receptor, high affinity, gamma chain; FCRG;

Gene ID

2207

mRNA Refseq

NM_004106

Protein Refseq

NP_004097

MIM

147139

UniProt ID

P30273

Chromosome Location

1q23

Pathway

Asthma, organism-specific biosystem; Asthma, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Fc epsilon RI signaling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; GPVI-mediated activation cascade, organism-specific biosystem;

Function

IgE binding; IgG binding; receptor activity; transmembrane signaling receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA