

Recombinant Human RHCE 293 Cell Lysate

Cat. No. RHCE-2358HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Rh blood group, CcEe antigens (RHCE), transcript variant 1 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

RHCE Rh blood group, CcEe antigens [Homo sapiens]

Official Symbol

RHCE

Synonyms

RHCE; Rh blood group, CcEe antigens; RH, Rhesus blood group, CcEe antigens; blood group Rh(CE) polypeptide; CD240CE; Rh polypeptide I; rh polypeptide 1; rhesus C/E antigens; Rh blood group C antigen; blood group RhCcEe antigen; Rh blood group Rhce antigen; Rh blood group antigen Evans; Rhesus blood group E antigen; Rhesus blood group CE protein; Rhesus blood group Rhce antigen; Rhesus system C and E polypeptides; rhesus blood group little e antigen; silenced Rh blood group CcEe antigen; RHCE blood group variant Crawford antigen Rh43; RH; RHC; RHE; Rh4; RHPI; RhVI; RH30A; RHIXB; RhVIII; RhIVb(J); MGC103977;

Gene ID

6006

mRNA Refseq

NM_020485

Protein Refseq

NP_065231

UniProt ID

P18577

**Chromosome
Location**

1p36.11

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