

Recombinant Human RHD Cell Lysate

Cat. No. RHD-32HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Transient overexpression lysate of Rh blood group, D antigen (RHD), transcript variant 1 with C-MYC/DDK tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
Description	Preparation: HEK293T cells in 10-cm dishes were transiently transfected with 5 ug cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20 centigrade before shipping.
Form	Components: 1 vial of 100 g gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Molecular Mass	40 kDa
Stability	Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade.

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Storage

Upon receiving, store the sample at -20 centigrade. Avoid repeated freeze-thaw cycles.

Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name RHD

Official Symbol RHD Rh blood group D antigen [Homo sapiens (human)]

Synonyms

RHD, CD240D; DIIIc; RH; RH30; Rh4; RHCED; RhDCw; RHDel; RHDVA(TT); RhII; RhK562-II; RhPI; RHPII; RHXIII; Rh blood group D antigen; blood group Rh(D) polypeptide; D antigen (DCS); RH polypeptide 2; Rh blood group C antigen; Rh blood group CE antigen; Rh blood group CcEe antigen; Rh blood group antigen Evans; Rh blood group, D anitgen; RhD antigen; RhD blood group antigen; RhD polypeptide; Rhesus blood group D antigen allele DIII type 7; Rhesus system D polypeptide; blood group antigen D; blood group protein RHD; rhesus D antigen; truncated Rh blood group D antigen; truncated RhD; truncated rhesus D; truncated rhesus blood group D antigen

Gene ID 6007

mRNA Refseq NM_016124

Protein Refseq NP_057208

MIM 111680

UniProt ID Q02161

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