

Recombinant Human RALY 293 Cell Lysate

Cat. No. RALY-2540HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)) (RALY), 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

RALY RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)) [Homo sapiens]

Official Symbol

RALY

Synonyms

RALY; RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)); RNA binding protein (autoantigenic, hnRNP associated with lethal yellow); RNA-binding protein Raly; HNRPCL2; P542; autoantigen p542; hnRNP core protein C-like 2; RNA-binding protein (autoantigenic); heterogeneous nuclear ribonucleoprotein C-like 2; hnRNP associated with lethal yellow protein homolog; RNA-binding protein (autoantigenic, hnRNP-associated with lethal yellow); MGC117312;

Gene ID

22913

mRNA Refseq

NM_016732

Protein Refseq

NP_057951

UniProt ID

Q9UKM9

Chromosome Location

20q11.21-q11.23

Function

RNA binding; nucleic acid binding; nucleotide binding;

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