

Recombinant Human RANGRF 293 Cell Lysate

Cat. No. RANGRF-2531HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RAN guanine nucleotide release factor (RANGRF) 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

RANGRF RAN guanine nucleotide release factor [Homo sapiens]

Official Symbol

RANGRF

Synonyms

RANGRF; RAN guanine nucleotide release factor; ran guanine nucleotide release factor; HSPC165; HSPC236; MOG1; MOG1 homolog (S. cerevisiae); RANGNRF; MOG1 homolog; ran-binding protein MOG1; MGC110973; DKFZp686F02139;

Gene ID

29098

mRNA Refseq

NM_001177801

Protein Refseq

NP_001171272

MIM

607954

UniProt ID

Q9HD47

**Chromosome
Location**

17p13

Function

guanyl-nucleotide exchange factor activity;

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