

## Recombinant Human RASSF5 293 Cell Lysate

Cat. No. RASSF5-2495HCL Lot. No. (See product label)

### SPECIFICATION

|                            |   |
|----------------------------|---|
| <b>Species</b>             | Human   |
| <b>Source</b>              | HEK293  |
| <b>Description</b>         | Antigen standard for Ras association (RalGDS/AF-6) domain family member 5 (RASSF5), transcript variant 3 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.  |
| <b>Components</b>          | 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). |
| <b>Size</b>                | 0.1 mg  |
| <b>Storage Instruction</b> | 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.   |
| <b>Applications</b>        | 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   |

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** [RASSF5 Ras association \(RalGDS/AF-6\) domain family member 5 \[ Homo sapiens \]](#)

**Official Symbol** RASSF5

**Synonyms** RASSF5; Ras association (RalGDS/AF-6) domain family member 5; ras association domain-containing protein 5; Maxp1; NORE1; RAPL; new ras effector 1; Rap1-binding protein; novel Ras effector 1; tumor suppressor RASSF3; Ras effector-like protein; Ras association (RalGDS/AF-6) domain family 5; regulator for cell adhesion and polarization enriched in lymphoid tissue; NORE1A; NORE1B; RASSF3; MGC10823; MGC17344;

**Gene ID** [83593](#)

**mRNA Refseq** [NM\\_182663](#)

**Protein Refseq** [NP\\_872604](#)

**MIM** [607020](#)

**UniProt ID** [Q8WWW0](#)

**Chromosome Location** 1q31

**Pathway** Leukocyte transendothelial migration, organism-specific biosystem; Leukocyte transendothelial migration, conserved biosystem; Non-small cell lung cancer, organism-specific biosystem; Non-small cell lung cancer, conserved biosystem;

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Pathways in cancer, organism-specific biosystem; TCR signaling in naive CD4+ T cells, organism-specific biosystem; TCR signaling in naive CD8+ T cells, organism-specific biosystem;

**Function**

metal ion binding; protein binding;

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