

Recombinant Human RICTOR cell lysate

Cat. No. RICTOR-1509HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	RICTOR RPTOR independent companion of MTOR, complex 2 [Homo sapiens]
Official Symbol	RICTOR
Synonyms	RICTOR; RPTOR independent companion of MTOR, complex 2; rapamycin-insensitive companion of mTOR; AVO3; KIAA1999; MGC39830; PIA; pianissimo; rapamycin insensitive companion of mTOR; hAVO3; AVO3 homolog; TORC2-specific protein AVO3; mAVO3; DKFZp686B11164;

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Gene ID	253260
mRNA Refseq	NM_152756
Protein Refseq	NP_689969
MIM	609022
UniProt ID	Q6R327
Chromosome Location	5p13.1
Pathway	Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem;
Function	protein binding; ribosome binding;