

## Recombinant Human RICTOR cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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]).
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	RICTOR RPTOR independent companion of MTOR, complex 2 [ Homo sapiens ]
<b>Official Symbol</b>	RICTOR
<b>Synonyms</b>	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;
<b>Gene ID</b>	253260

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<b>mRNA Refseq</b>	NM_152756
<b>Protein Refseq</b>	NP_689969
<b>MIM</b>	609022
<b>UniProt ID</b>	Q6R327
<b>Chromosome Location</b>	5p13.1
<b>Pathway</b>	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;
<b>Function</b>	protein binding; ribosome binding;

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