

Recombinant Human RICTOR

Cat. No. RICTOR-31328TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-98 of Human RICTOR with a proprietary tag at N-terminal ; Predicted MWt 36.41 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	98 amino acids
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.
Molecular Weight	36.410kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MAAIGRGRSLKNLRVRGRNDSGEENVPLDLTREPSDNLREILQNVARLQGVSNMRK

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acids LGHLNNFTKLLCDIGHSEEKLGPHYEDIICLRLALLNEAKE

Sequence
Similarities Belongs to the pianissimo family.

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;

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;

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Function

protein binding; ribosome binding;

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