

# Recombinant Human RICTOR

Catalog No: #GP11163



Package Size: #GP11163-1 100ug

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## Description

Product Name	Recombinant Human RICTOR
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 257 amino acids of human RPTOR independent companion of MTOR, complex 2
Target Name	RPTOR independent companion of MTOR, complex 2
Other Names	PIA; AVO3; hAVO3
Accession No.	Swissprot:Q6R327Gene Accession:BC029608
Uniprot	Q6R327
GenelD	253260;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Rapamycin-insensitive companion of mTOR is a protein that in humans is encoded by the RICTOR gene. RICTOR and MTOR are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth. Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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