

# Recombinant Human RPTOR independent companion of MTOR complex 2 Protein, His-tagged

Cat. No. RICTOR-001H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human RICTOR Protein with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-250 aa
<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.
<b>Molecular Mass</b>	29 kDa
<b>AA Sequence</b>	MAAIGRGRSLKNLRVGRNDSGEENVPLDLTREPNDLREILQNVARLQGVSNMRLK LGHLNNFTKLLCDIGHSEEKLGPHYEDIIICLRLALLNEAKEVRAAGLRALRYLIQDSSI LQKVLKLVKVDYLIARCIDIQQSNEVERTQALRLVRKMITVNASLFPSSVTNSLIAVGND GLQERDRMVRACIAIICELALQNPEVVALRGGLNTILKNVIDCQLSRINEALITTILHLLN HPKTRQYVRADVELHHHHHHHH
<b>Endotoxin</b>	< 1 EU/μg by LAL
<b>Purity</b>	> 90% by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose

**Concentration** 1 mg/mL by BCA

## GENE INFORMATION

**Gene Name** RICTOR RPTOR independent companion of MTOR complex 2 [ Homo sapiens (human) ]

**Official Symbol** RICTOR

**Synonyms** RICTOR; RPTOR independent companion of MTOR complex 2; PIA; AVO3; hAVO3; rapamycin-insensitive companion of mTOR; AVO3 homolog; TORC2-specific protein AVO3; pianissimo

**Gene ID** 253260

**mRNA Refseq** NM\_152756

**Protein Refseq** NP\_689969

**MIM** 609022

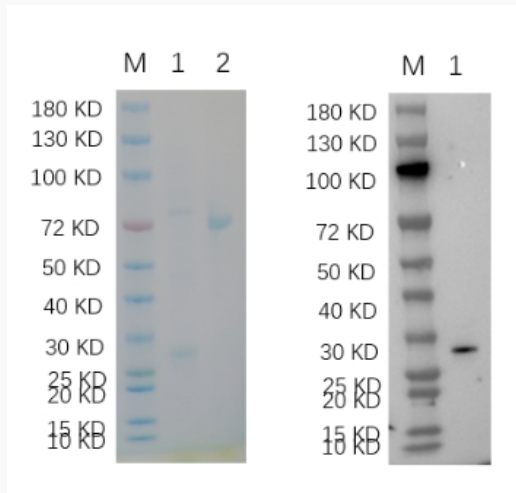
**UniProt ID** Q6R327

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**Reducing 4%-20%  
SDS-PAGE (CBB  
stained) and WB  
(Anti-His Mouse  
Monoclonal  
antibody) analysis  
profiles of purified  
RICTOR.**



1. RICTOR
2. BSA

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