

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

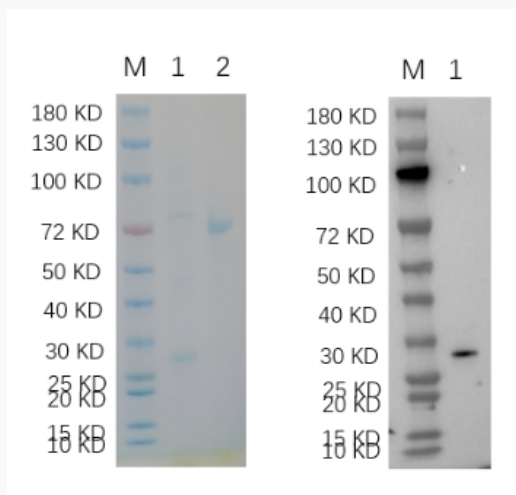
UniProt ID Q6R327

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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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