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 LGHLNNFTKLLCDIGHSEEKLGFHYEDIIICLRLALLNEAKEVRAAGLRALRYLIQDSSI LQKVLKLKVDYLIARCIDIQQSNEVERTQALRLVRKMITVNASLFPSSVTNSLIAVGND 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

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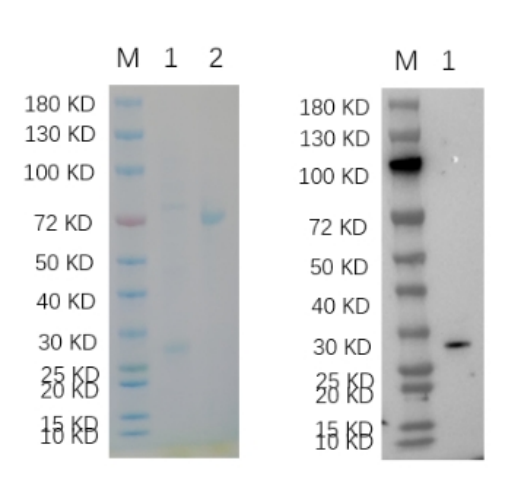
	protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10% Glycerol, 8% Trehalose
Concentration	1 mg/mL by BCA

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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