

Recombinant Human RICTOR protein, His-tagged

Cat. No. RICTOR-3306H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RICTOR protein(1-183 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-183 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAAIGRGRSLKNLVRGRNDSGEENVPLDLTREPSDNLREILQNVARLQGVSNMRL LGHLNNFTKLLCDIGHSEEKLGPHYEDIICLRLALLNEAKEVRAAGLRALRYLIQDSSI LQKVLKLVVDYLIARCIDIQQSNEVERTQALRLVRKMITVNASLFPSSVTNSLIAVGND GLQERDRM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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; hAVO3; AVO3 homolog; TORC2-specific protein AVO3; mAVO3; DKFZp686B11164;
Gene ID	253260
mRNA Refseq	NM_152756
Protein Refseq	NP_689969
MIM	609022
UniProt ID	Q6R327

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