

## Recombinant Human RICTOR protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RICTOR protein(1-183 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-183 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MAAIGRGRSLKNLRVGRNDSGEENVPLDLTREPSDNLREILQNVARLQGVSNM RK LGHLNNFTKLLCDIGHSEEKLGPHYEDIICLRLALLNEAKEVRAAGLRALRYLIQDSSI LQKVLKLVVDYLIARCIDIQQSNEVERTQALRLVRKMITVNASLFPSSVTNSLI AVGND GLQERDRM
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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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