

Recombinant Human RICTOR protein, His-tagged

Cat. No. RICTOR-3004H 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	MAAIGRGRSLKNLRVGRNDSGEENVPLDLTREPSDNLREILQNVARLQGVSNM RK LGHLNNFTKLLCDIGHSEEKLGPHYEDIICLRLALLNEAKEVRAAGLRALRYLIQDSSI LQKVLKLVVDYLIARCIDIQQSNEVERTQALRLVRKMITVNASLFPSSVTNSLI AVGND GLQERDRM
Purity	95%, 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.

 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

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

 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