

Recombinant Human RIOK3 protein, His-tagged

Cat. No. RIOK3-3099H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIOK3 protein(215-516 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	215-516 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	RRSARLHEKKEHSTA EKAVDPKTRLLMYKMVNSGMLETITGCISTGKESVVFHAYG GSMEDEKEDSKVIPTECAIKVFKTTLNEFKNRDKYIKDDFRFKDRFSKLNPRKIIRMW AEKEMHNLARMQRAGIPCPTVLLKKHILVMSFIGHDQVPAPKLKEVKLNSEEMKEA YYQTLHLMRQLYHECTLVHADLSEYNMLWHAGKVWLIDVSQSVEPTHPHGLEFLFR DCRNVSQKGGVKEALSERELFNAVSGLNITADNEADFLAEIEALEKMNEDHVQKNG RKAASFLKDDGDPPLLYDE
Purity	90%, 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

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cycles.

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

[RIOK3 RIO kinase 3 \(yeast\) \[Homo sapiens \]](#)

Official Symbol

[RIOK3](#)

Synonyms

RIOK3; RIO kinase 3 (yeast); SUDD, sudD (suppressor of bimD6, Aspergillus nidulans) homolog; serine/threonine-protein kinase RIO3; sudD homolog; sudD suppressor of bimD6 homolog; homolog of the Aspergillus nidulans sudD gene product; sudD suppressor of Aspergillus nidulans bimD6 homolog; sudD (suppressor of bimD6, Aspergillus nidulans) homolog; SUDD; DKFZp779L1370;

Gene ID

[8780](#)

mRNA Refseq

[NM_003831](#)

Protein Refseq

[NP_003822](#)

MIM

[603579](#)

UniProt ID

[O14730](#)

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