

Recombinant Human RIOK3 protein, His-tagged

Cat. No. RIOK3-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIOK3 protein(O14730)(1-519aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-519aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62.7 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 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

AA Sequence

MDLVGVASPEPGTAAAWGPSKCPWAIPQNTISCSLADVMSQLAKELQLEEEAAVF
 PEVAVAEGPFITGENIDTSSDLMLAQMLQMEYDREYDAQLRREEKKFNGDSKVSISF
 ENYRKVHPYEDSDSSEDEVDWQDTRDDPYRPAKPVPTPKKGFIGKGKDITTKHDEV
 VCGRKNTARMENFAPEFQVG DGIGMDLKL SNHVFNALKQHAYSEERRSARLHEKK
 EHSTA EKAVDPKTRLLMYKMVN SGMLETITGCISTGKESVVFHAYGGSMED EKEDS
 KVIPT ECAIKVFKTTLNEFKNRDKYIKDDFRFKDRFSKLNPRKIIRMWAEKEMHNLAR
 MQRAGIPCPTVLLKKHILVMSFIGHDQVPAPKLKEVKLNSEEMKEAYYQTLHLMRQ
 LYHECTLVHADLSEYNMLWHAGKVWLIDVSQSVEPTHPHGLEFLFRDCRNVSQFFQ
 KGGVKEALSERELFNAVSGLNITADNEADFLAEIEALEKMNEDHVQKNGRKAASFLK
 DDGDPPLLYDE

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](#)

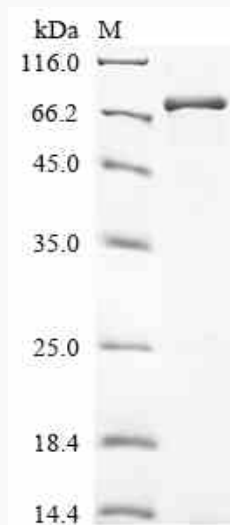
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UniProt ID

O14730

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