

# Recombinant Human RIOK3 Protein, His-tagged

**Cat. No.** RIOK3-527H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b> | Recombinant Human RIOK3, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene was first identified by the similarity of its product to the Aspergillus nidulans SUDD protein. This gene is now recognized as a member of the right open reading frame (RIO) kinase gene family. This gene encodes a serine/threonine kinase that localizes to the cytoplasm and plays a role in the processing of the pre-40 S ribosomal subunit. Alternative splicing results in multiple transcript variants. |
| <b>Form</b>             | 50mM Tris, pH8.0, 500mM NaCl, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 48.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                            |

## GENE INFORMATION

|                  |                                             |
|------------------|---------------------------------------------|
| <b>Gene Name</b> | RIOK3 RIO kinase 3 (yeast) [ Homo sapiens ] |
|------------------|---------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">RIOK3</a>                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | <a href="#">8780</a>                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_003831</a>                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | <a href="#">NP_003822</a>                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | <a href="#">603579</a>                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | <a href="#">O14730</a>                                                                                                                                                                                                                                                                                                                                                          |

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