

Recombinant Human RIOK3, GST-tagged

Cat. No. RIOK3-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length recombinant human RIOK3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	This gene was identified by the similarity of its product to the <i>Aspergillus nidulans</i> SUDD protein, an extragenic suppressor of the heat-sensitive bimD6 mutation that fails to attach properly to the spindle microtubules at a restrictive temperature. The specific function of this gene has not yet been determined.
Form	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~100 kDa
AA Sequence	Full Length
Purity	>95%
Applications	Western Blot
Stability	1 yr at -70°C from date of shipment.

 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

Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul
GENE INFORMATION	
Gene Name	RIOK3 RIO kinase 3 [Homo sapiens (human)]
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
Chromosome Location	18q11.2

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Function

ATP binding; protein binding; protein serine/threonine kinase activity

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