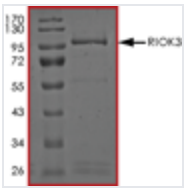
RIOK3 Recombinant Protein

PRODUCT OVERVIEW

Product Name	RIOK3, Recombinant Protein
Full Product Name	RIOK3 Protein
Product Gene Name	RIOK3 recombinant protein
Product Synonym Names	SUDD
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Preparation and Storage	Store product at -70 degree C. 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.
Molecular Weight	~100kDa
Tag	GST
Species	Human
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for RIOK3 recombinant protein	Kinase Protein; AKT/PKB Pathway; Cancer; Ser/Thr Kinases
Applications Tested/Suitable for RIOK3 recombinant protein	Western Blot (WB)
Related Product Information for RIOK3 recombinant protein	Full-length recombinant human RIOK3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. This gene accession number is NM_003831. RIOK3 or RIO kinase 3 is a novel cytoplasmic component of pre-40S pre-ribosomal particle(s) in human cells which is required for normal processing of the 21S pre-rRNA (1). RIOK3 is identified by the similarity of its product to the Aspergillus nidulans SUDD protein, an extragenic suppressor of the heat-sensitive bimD6 mutation that fails to attach properly to the spindle microtubules at a restrictive temperature. RIOK3 is highly expressed in human tissues, with additional smaller transcripts present in testis (2).
Product References and Citations for RIOK3 recombinant protein	1. Fenner BJ. et.al: Human RioK3 is a novel component of cytoplasmic pre-40S pre-ribosomal particles. 162-74. doi: 10.4161/rna.18810. Epub 2012 Feb 1. 2. Anaya, P.et.al: Isolation of the Aspergillus nidulans sudD gene and its human homologue. Gene 211: 323-329, 1998.
Other Notes	Small volumes of RIOK3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RIOK3 purchase	MBS517525 is a recombinant protein targeting RIOK3. Also known as RIOK3 Protein. Host: Sf9 insect cells.



SDS-Page of RIOK3 recombinant protein
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RIOK3. It may not necessarily be applicable to this product.

GenBank Nucleotide #	NM_003831
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/riok3/517525