

Recombinant Human RIOK3 Protein Product Manual

1. Product Basic Information

Product No.: REP08055

Protein Name: Rio Kinase Sudd Homolog (RIOK3)

Aliases: RIO kinase sudD homolog; sudD suppressor of bimD6 homolog; testicular secretory protein Li 47; serine/threonine-protein kinase RIO3

UniProt ID: O14730

UniProt Link: <https://www.uniprot.org/uniprotkb/O14730/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-519aa)

Molecular Weight: 62.7 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-519aa)

MDLVGVASPEPGTAAAWGPSKCPWAIPQNTISCSLADVMSEQLAKELQLEEEAAVF
PEVAVAEGPFITGENIDTSSDLMLAQMLQMEYDREYDAQLRREEKKFNGDSKVSIS
FENYRKVHPYEDSDSSEDEVDWQDTRDDPYRPAKPVPTPKKGFIGKGDITTKHD
EVVCGRKNTARMENFAPEFQVGDGIGMDLKLNSNHVFNALKQHAYSEERRSARLHE
KKEHSTA EKAVDPKTRLLMYKMNNSG MLETITGCISTGKESVVFHAYGGSMED EKE
DSKVIPT ECAIKVFKTTLNEFKNRDKYIKDDFRFKDRFSKLNPRKIIRMWAEKEMHNL
ARMQRAGIPCPTVLLKKHILVMSFIGHDQVPAPKLKEVKLNSEEMKEAYYQTLHLM
RQLYHECTLVHADLSEYNMLWHAGKVWLIDVSQSVEPTHPHGLEFLFRDCRNVSQ
FFQKGGVKEALSERELFNAVSGLNITADNEADFLAEIEALEKMNEDHVQKNGRCAA
SFLKDDGDPPLLYDE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human RIOK3 full length protein (1-519aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. RIOK3, also known as RIO kinase sudD homolog or sudD suppressor of bimD6 homolog or testicular secretory protein Li 47, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.