Recombinant Human RIOK2 Protein (G2-E552), Tag Free

Cat. No. RIOK2-1122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-RIOK2(G2-E552 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	G2-E552
Description	Serine/threonine-protein kinase involved in the final steps of cytoplasmic maturation of the 40S ribosomal subunit. Involved in export of the 40S pre-ribosome particles (pre-40S) from the nucleus to the cytoplasm. Its kinase activity is required for the release of NOB1, PNO1 and LTV1 from the late pre-40S and the processing of 18S-E pre-rRNA to the mature 18S rRNA. Regulates the timing of the metaphase-anaphase transition during mitotic progression, and its phosphorylation, most likely by PLK1, regulates this function.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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 it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	RIOK2 RIO kinase 2 (yeast) [Homo sapiens (human)]
Official Symbol	RIOK2
Synonyms	RIOK2; RIO kinase 2 (yeast); serine/threonine-protein kinase RIO2; FLJ11159; RIO2;
Gene ID	55781
mRNA Refseq	NM_001159749
Protein Refseq	NP_001153221
UniProt ID	Q9BVS4

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