

Recombinant Human RIOK1 protein, His & T7-tagged

Cat. No. RIOK1-1612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIOK1 aa. (Thr180~Val479 (Accession # Q9BRS2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr180~Val479
Description	The protein encoded by this gene competes with pICln for inclusion in the protein arginine methyltransferase 5 complex. This complex targets substrates for dimethylation. The encoded protein is essential for the last steps in the maturation of 40S subunits.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point

6.4

GENE INFORMATION

Gene Name

[RIOK1 RIO kinase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[RIOK1](#)

Synonyms

RIOK1; RIO kinase 1; AD034; RRP10; bA288G3.1; serine/threonine-protein kinase RIO1

Gene ID

[83732](#)

mRNA Refseq

[NM_031480.2](#)

Protein Refseq

[NP_113668.2](#)

UniProt ID

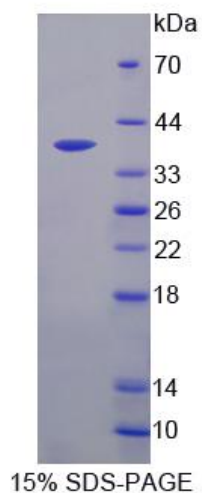
[Q9BRS2](#)

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SDS-PAGE



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