

Recombinant Human HIPK1 protein, His & T7-tagged

Cat. No. HIPK1-7858H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIPK1 aa. (Met1~Lys290 (Accession # Q86Z02)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys290
Description	The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.11.
Applications	SDS-PAGE; WB; ELISA; IP.

 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

Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	HIPK1 homeodomain interacting protein kinase 1 [Homo sapiens (human)]
Official Symbol	HIPK1
Synonyms	HIPK1; homeodomain interacting protein kinase 1; Myak; Nbak2; homeodomain-interacting protein kinase 1; homeodomain interacting protein kinase 1-like protein; nuclear body associated kinase 2b; nuclear body-associated kinase 2
Gene ID	204851
mRNA Refseq	NM_152696.3
Protein Refseq	NP_689909.2

 Tel: 1-631-559-9269 1-516-512-3133

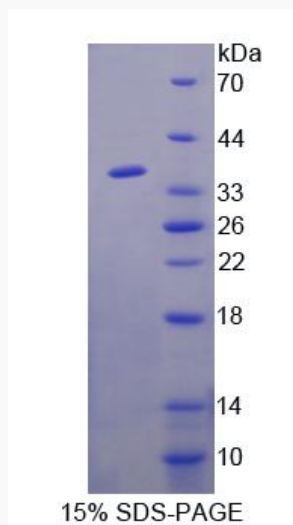
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q86Z02

SDS-PAGE

 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