

Product datasheet

Recombinant human HIPK4 protein ab69925

5 Images

Description

Product name	Recombinant human HIPK4 protein
Biological activity	Specific Activity: 202 nmol /min/mg as determined in kinase assay.
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	Purity > 70% by densitometry.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab69925** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid
Additional notes	ab64311 (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of
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BIRC5 promoter (By similarity). May act as a corepressor of transcription factors.

Sequence similarities

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily. Contains 1 protein kinase domain.

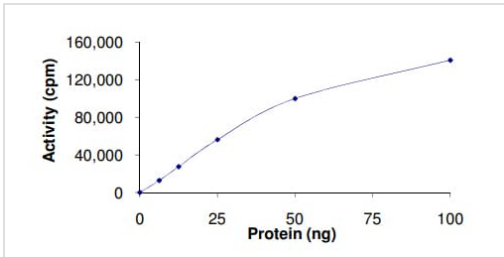
Post-translational modifications

Autophosphorylated.

Cellular localization

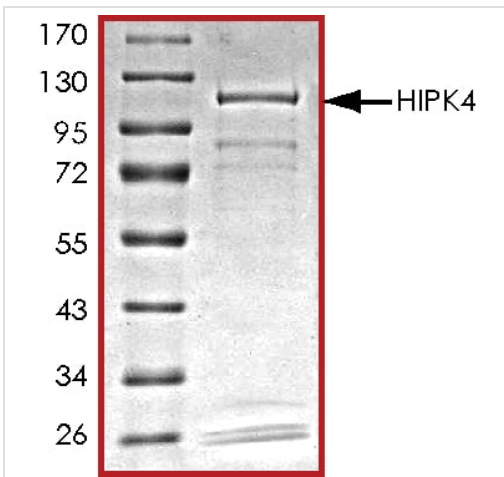
Cytoplasm.

Images



The specific activity of HIPK4 (ab69925) was determined to be 175 nmol/min/mg as per activity assay protocol

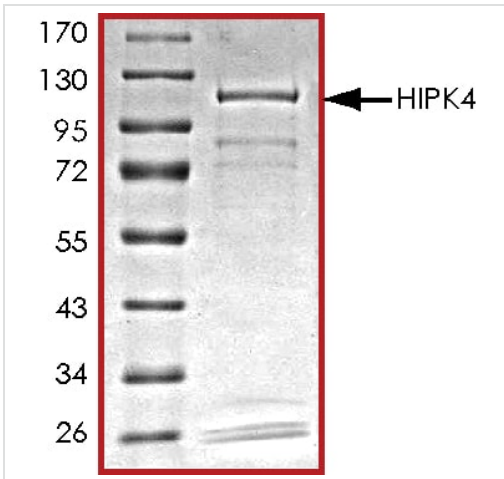
Functional Studies - Recombinant human HIPK4 protein (ab69925)



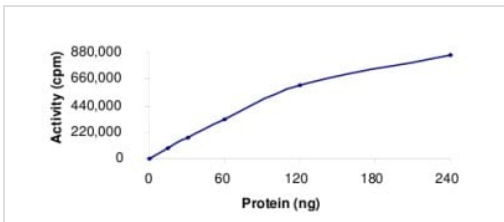
SDS PAGE analysis of ab69925

SDS-PAGE - Recombinant human HIPK4 protein (ab69925)

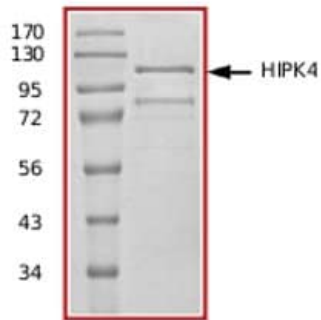
SDS PAGE analysis of ab69925



SDS-PAGE - Recombinant human HIPK4 protein (ab69925)



Functional Studies - Recombinant human HIPK4 protein (ab69925)



SDS-PAGE - Recombinant human HIPK4 protein
(ab69925)

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