

Recombinant Mouse Hipk3 Protein, His-tagged

Cat. No. Hipk3-1623M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hipk3 Protein (Met1-Cys264) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Cys264
Description	Enables protein serine/threonine kinase activity. Involved in negative regulation of JUN kinase activity; peptidyl-serine phosphorylation; and peptidyl-threonine phosphorylation. Located in PML body and cytoplasm. Is expressed in diaphragm; heart; limb segment; paraxial mesenchyme; and skeletal musculature. Orthologous to human HIPK3 (homeodomain interacting protein kinase 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Hipk3 homeodomain interacting protein kinase 3 [*Mus musculus* (house mouse)]

Official Symbol

Hipk3

Synonyms

HIPK3; homeodomain interacting protein kinase 3; homeodomain-interacting protein kinase 3; ANPK; FIST; nbak3; HCMV-interacting protein; nuclear body-associated kinase 3; fas-interacting serine/threonine-protein kinase; androgen receptor-interacting nuclear protein kinase; PKY; DYRK6; FIST3;

Gene ID

15259

mRNA Refseq

NM_001145824

Protein Refseq

NP_001139296

UniProt ID

Q9ERH7

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