

**Product:** HIPK1, active  
**Catalog #:** 02-2075  
**Amount:** 5 µg

**DESCRIPTION:** HIPK1 or homeodomain-interacting protein kinase 1 is a ser/thr protein kinase and a member of the HIPK family. HIPK 1 is a nuclear kinase that phosphorylates homeodomain transcription factors. The gene accession number is [NM152696](#)  
Gene Aliases: Myak, Nbak2, KIAA0630, MGC26642, MGC33446, MGC33548

**SOURCE:** Recombinant human HIPK1 (156-555) was expressed in Sf9 cells using an N-terminal GST tag

**MOLECULAR WEIGHT:** 71kDa

**PURITY:** > 90% (by densitometry)

**FORM:** Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

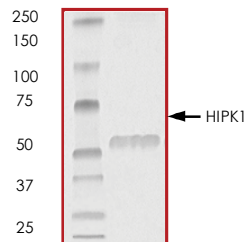
**CONCENTRATION:** 0.1 mg/ml

**SPECIFIC ACTIVITY:** 79 nmol/mim/mg

**STORAGE:** -70°C (aliquot). AVOID repeated Freeze/thaw cycles

**REFERENCE:**

1. Ecsedy, J A. et al: Homeodomain-interacting protein kinase 1 modulates Daxx localization, phosphorylation, and transcriptional activity. Mol Cell Biol. 2003 Feb;23(3):950-60
2. Kondo, S. et al: Characterization of cells and gene-targeted mice deficient for the p53-binding kinase homeodomain-interacting protein kinase 1 (HIPK1). Proc Natl Acad Sci U S A. 2003 Apr 29;100(9):5431-6



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