

## Product datasheet for **TP762460**

### **HIPK1 (NM\_181358) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human homeodomain interacting protein kinase 1 (HIPK1), transcript variant 4, Val439-His697, with N-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Val439-His697) of HIPK1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	27.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_852003</a>
<b>Locus ID:</b>	204851
<b>UniProt ID:</b>	<a href="#">Q86Z02</a> , <a href="#">B4DZ33</a>
<b>RefSeq Size:</b>	6875
<b>Cytogenetics:</b>	1p13.2
<b>RefSeq ORF:</b>	2448
<b>Synonyms:</b>	Myak; Nbak2



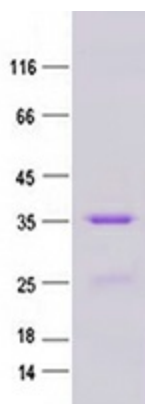
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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Protein Kinase, Transcription Factors

**Product images:**

Purified recombinant protein HIPK1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.