

Recombinant Human HIPK1 Protein, GST-tagged

Cat. No. HIPK1-4759H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIPK1 full-length ORF (AAH33012.1, 1 a.a. - 1075 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	143.2 kDa
AA Sequence	MASQLQVFSPPSVSSSAFCSAKKLKIEPSGWDVSGQSSNDKYYTHSKTLPATQGQA NSSHQVANFNIPAYDQGLLLPAPAVEHIVVTAADSSGSAATSTFQSSQTLTHRSNVS LLEPYQKCGLKRKSEEVDNSGVSQIIEHPPLMLQNRTVVGAAATTTTVTTKSSSSS GEGDYQLVQHEILCSMTNSYEVLEFLGRGTFGQVAKCWKRSTKEIVAIIKLNHPSY ARQGQIEVSILSRLSSENADEYNFVRSYECFQHKNTCLVFEMLEQNLYDFLKQNKF SPLPLKYIRPILQQVATALMKLKSGLIHADLKPENIMLVDPVRQPYRVKVIDFGSASH VSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPLYPGASEYDQI RYISQTQGLPAEYLLSAGTKTTRFFNRPNLGYPLWRLKTPEEHELETGIKSKEARK YIFNCLDDMAQVNMSTDLEGTDMLAEKADRREYIDLLKKMLTIDADKRITPLKTLNHQ FVTMTHLLDFPHSNHVKSCFQNMEICKRRVHMYDTVSIKSPFTTHVAPNTSTNLTM

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SFSNQLNTVHNQASVLASSSTAAAATLSLANS DVSLN YQSALYPSSAAPVPGVAQ
 QGVSLQPGTTQICTQTDPFQQTFIVCPPAFQTGLQATTKHSGFPVRMDNAVPIVPQA
 PAAQPLQIQSGVLTQGSCTPLMVATLHPQVATITQQYAVPFTLSAAGR PALVEQTA
 AVLQAWPGGTQQILLPSTWQQPLPGVALHNSVQPTAMIPEAMGSGQQLADWRNAHS
 HGNQYSTIMQQPSLLTNHVTLATAQPLNVGVAHVVRQQQSSSLPSKKNKQSAPVSS
 KSSLDVLP SQVYSLVGSSPLRTTSSYN SLVPVQDQHQP IIIPDTPSPPVSVITIRSDTD
 EEEDNKYKPSSSGLKPRSNVISYVTVNDSPDSDSSLSPYSTDTLSALRGNSGSVLE
 GPGRVVADGTGTRTIIVPPLKTQLG DCTVATQASGLLSNKT KPVASVSGQSSGCCIT
 PTGYRAQRGGTSAAQPLNLSQVSAMGYCLLFGPCTVVTFWRTLLLAGC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

HIPK1 homeodomain interacting protein kinase 1 [Homo sapiens]

Official Symbol

HIPK1

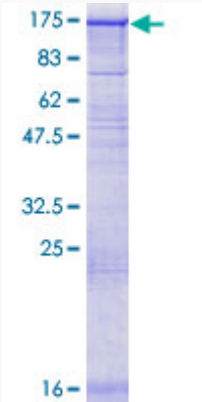
Synonyms

HIPK1; homeodomain interacting protein kinase 1; homeodomain-interacting protein kinase 1; KIAA0630; MGC26642; MGC33446; MGC33548; Myak; Nbak2; nuclear body-associated kinase 2; nuclear body associated kinase 2b; homeodomain interacting protein kinase 1-like protein;

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Gene ID	204851
mRNA Refseq	NM_152696
Protein Refseq	NP_689909
MIM	608003
UniProt ID	Q86Z02
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.