

Recombinant Full Length Human HIPK1 Protein, GST-tagged

Cat. No. HIPK1-3533HF **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	In Vitro Cell Free System
ProteinLength	1075 amino acids
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 LLEPYQKCGLKRKSEEVDNNGSVQIIIEHPPLMLQNRVTVGAAATTTTVTTKSSSSS GEGDYQLVQHEILCSMTNSYEVLEFLGRGTFGQVAKCWKRSTKEIVAIIKILKNHPSY ARQGQIEVSILSRLSSENADEYNFVRSYECFQHKNTCLVFEMLEQNLYDFLKQNKF SPLPLKYIRPILQQVATALMKLKSGLIHADLKPENIMLVDPVRQPYRVKVIDFGSASH VSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPLYPGASEYDQI RYSISQTQGLPAEYLLSAGTKTTRFFNRPNLGYPLWRLKTPEEHELETGIKSKEARK YIFNCLDDMAQVNMSTDLEGTDMLAEKADRREYIDLLKKMLTIDADKRITPLKTLNHQ

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FVTMTHLLDFPHSNHVKSCFQNMEICKRRVHMYDTVSIKSPFTTHVAPNTSTNLTM
SFSNQLNTVHNQASVLASSSTAAAATLSLANSVDVSLNYSALYPSSAAPVPGVAQ
QGVSLQPGTTQICTQTDPFQQTIVCPPAFQTGLQATTKHSGFPVRMDNAVPIVQA
PAAQLQIQSGVLTQGSCTPLMVATLHPQVATITQQYAVPFTLSAAGRPAALVEQTA
AVLQAWPGGTQQILLPSTWQQPLPGVALHNSVQPTAMIPEAMGSGQQLADWRNAHS
HGNQYSTIMQQPSLLTNHVTLATAQPLNVGVAHVVRQQQSSSLPSKKNKQSAPVSS
KSSLDVLPSSQVYSLVGSSPLRTTSSYNLSVPVQDQHQPPIIPDTPSPPVSVITIRSDTD
EEEDNKYKPSSSGLKPRSNVISYVTVNDSPDSDSSLSPYSTDTLSALRGNSGVSLE
GPGRVVADGTGTRTIIVPPLKTQLGDCTVATQASGLLSNKTTPVASVSGQSSGCCIT
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

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interacting protein kinase 1-like protein;

Gene ID 204851**mRNA Refseq** NM_152696**Protein Refseq** NP_689909**MIM** 608003**UniProt ID** Q86Z02 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA