

Recombinant Full Length Human HIPK4 Protein, GST-tagged

Cat. No. HIPK4-3535HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIPK4 full-length ORF (NP_653286.2, 1 a.a. - 616 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	616 amino acids
Description	This gene encodes a member of the homeodomain interacting protein kinase (HIPK) family of proteins. While other members of this family are found throughout vertebrates, this member is present only in mammals. Compared to other members of this family, the encoded protein lacks a nuclear localization signal and a C-terminal autoinhibitory domain. The encoded protein exhibits kinase activity and may phosphorylate the tumor suppressor protein p53. [provided by RefSeq, Jul 2016]
Molecular Mass	95.8 kDa
AA Sequence	MSTIQSETDCYDIIIEVLGKGTGFEVAKGWRRSTGEMVAIKILKNDAYRNRIIKNELKLL HCMRGLDPEEAHVIRFLEFFHDALKFYLVFELLEQNLFEFQKENNFAPLPARHIRTVT LQVLTALARLKELAIHADLKPENIMLVDQTRCPFRVKVIDFGSASIFSEVRYVKEPYIQ SRFYRAPEILLGLPFCEKVDVWSLGCVMAELHLGWPLYPGNNEYDQVRYICETQGL PKPHLLHAACKAHFFFKRNPHPDAAANPWQLKSSADYLAETKVRPLERRKYMLKSLD QIETVNGGSVASRLTFPDREALAEHADLKSMVELIKRMLTWESHERISPSAALRHPF VSMQQLRSAHETTHYYQLSLRSYRLSLQVEGKPPTPVVAAEDGTPYYCLAEKEAA

 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

GMGSVAGSSPFFFREEKAPGMQRAIDQLDDLQAEAGHGLWGETCTNAVSDMMVP
LKAATGHHVPDSGPEPILAFYSSRLAGRHKARKPPAGSKSDSNFSNLIRLSQVSPED
DRPCRGSSWEEGEHLGASAEPLAILQRDEDGPNIDNMTMEAERPDPFLDPSSCP
GEWLSEPDCTLESVRGPRAQGLPPRRSHQHGPARGATSFLQHVTGHH

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 HIPK4 homeodomain interacting protein kinase 4 [Homo sapiens]

Official Symbol HIPK4

Synonyms HIPK4; homeodomain interacting protein kinase 4; homeodomain-interacting protein kinase 4; FLJ32818;

Gene ID 147746

mRNA Refseq NM_144685

Protein Refseq NP_653286

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MIM	611712
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UniProt ID	Q8NE63
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