

# Recombinant Full Length Human HIPK4 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human HIPK4 full-length ORF ( NP_653286.2, 1 a.a. - 616 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	616 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	95.8 kDa
<b>AA Sequence</b>	MSTIQSETDCYDIIIEVLGKGTGFGEVAKGWRRSTGEMVAIKILKNDAYRNRIIKNELKLL HCMRGLDPEEAHVIRFLEFFHDALKFYLVFELLEQNLFEFQKENNFAPLPARHIRTVT LQVLTALARLKEIAIHADLKPENIMLVDQTRCPRFRKVIDFGSASIFSEVRYVKEPYIQ SRFYRAPEILLGLPFCEKVDVWSLGCVMAELHLGWPLYPGNNEYDQVRYICETQGL PKPHLLHAACKAHHFFKRNPDAANPWQLKSSADYLAETKVRPLERRKYMLKSLD QIETVNGGSVASRLTFPDREALAEHADLKSMVELIKRMLTWESHERISPSAALRHPF VSMQQLRSAHETTHYYQLSLRSYRLSLQVEGKPPTPVVAAEDGTPYYCLAEKEEA

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GMGSVAGSSPFFREEKAPGMQRAIDQLDDLQSLQEAGHGLWGETCTNAVSDMMVP  
 LKAAITGHHVPDSGPEPILAFYSSRLAGRHKARKPPAGSKSDSNFSLRLSQQVSPED  
 DRPCRGSSWEEGEHLGASAEPLAILQRDEDGPNIDNMTMEAERPDPPELFDPPSSCP  
 GEWLSEPDCTLESVRGPRAQGLPPRRSHQHGPARGATSFLQHVVTGHH

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	HIPK4 homeodomain interacting protein kinase 4 [ Homo sapiens ]
<b>Official Symbol</b>	HIPK4
<b>Synonyms</b>	HIPK4; homeodomain interacting protein kinase 4; homeodomain-interacting protein kinase 4; FLJ32818;
<b>Gene ID</b>	147746
<b>mRNA Refseq</b>	NM_144685
<b>Protein Refseq</b>	NP_653286

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<b>MIM</b>	611712
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<b>UniProt ID</b>	Q8NE63
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