

Recombinant Full Length Human HIPK2 Protein, C-Flag-tagged

Cat. No. HIPK2-1551HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HIPK2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	130.8 kDa
AA Sequence	MAPVYEGMASHVQVFSPHTLQSSAFCSVKKLKIEPSSNWDMTGYGSHSKVYSQSK NIPLSQPATTTVSTS LPVPNPSPYPYEQTIVFPGSTGHIVTSASSTSVTGQVLGGPHN LMRRSTVSLLDITYQKCGLRKSEEIEN TSSVQIIIEHPPMIQNNASGATVATATTSTA TSKNSGSNSEGDYQLVQHEVLCMTNTYEVLFLGRGTF GQVVKCWKRGTNEIVAI KILKNHPSYARQGQIEVSILARLSTESADDYNFVRAYECFQHKNHNTCLVFEMLEQNL YDFLKQNKFSPLPLKYIRPVLQQVATALMKLKSGLIHADLKPENIMLVDPSPRQPYRV KVIDFGSA SHVSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPL

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YPGASEYDQIRYISQTQGLP AEYLLSAGTKTTRFFNRDTSPLYPLWRLKTPDDHEA
 ETGKSKEARKYIFNCLDDMAQVNMTTDLEGSDM LVEKADRREFIDLLKKMLTIDAD
 KRITPIETLNHPFVTMTHLLDFPHSTHVKSCFQNMEICKRRVNMYPD VNQSKTPFITH
 VAPSTSTNLMTFNNQLTTVHNQAPSSTSATISLANPEVSILNYPSTLYQPSAASMAA
 V AQRSMPLQTGTAQICARPDPFQQALIVCPPGFQGLQASPSKHAGYSVRMENAVPI
 VTQAPGAQPLQIQPG LLAQQAWPSGTQQILLPPAWQQLTGVATHTSVQHATVIPET
 MAGTQQLADWRNTHAHGSHYNPIMQQPAL LTGHVTLPAQPLNVGVAHVMRQQP
 TSTTSSRKSKQHQS SVRNVSTCEVSSSQAISSPQRSKRVKENTPP RCAMVHSSPA
 CSTSVTCGWGDVASSTTRERQRQTIVIPDTPSPTVSVITISSDTDEEEEQKHAPTSTV
 SK QRKNVISCVTVHDS PYSDSSSNTSPYSVQQRAGHNNANAFDTKGSLENHCTGN
 PRTIIVPPLKTQASEVL VECDSLVPVNTSHHSSSYKSKSSSNVTSTSGHSSGSSSGA
 ITYRQQRPGPHFQQQQPLNLSQAQQHITTD RTGSHRRQYAYITPTMAQAPYSFPH
 NSPSHGTVHPHLAAAAAAHLPTQPHLYTYTAPAA LGSTGTVAHL VASQGSARHTV
 QHTAYPASIVHQVPVSMGPRVLPSP TIHPSQYPAQFAHQTYISASPASTVYTGYP LS
 PA
 KVNQYPYITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase, Transcription Factors

Full Length Full L.

GENE INFORMATION

Gene Name HIPK2 homeodomain interacting protein kinase 2 [Homo sapiens (human)]

Official Symbol HIPK2

Synonyms PRO0593

Gene ID 28996

mRNA Refseq NM_022740.5

Protein Refseq NP_073577.3

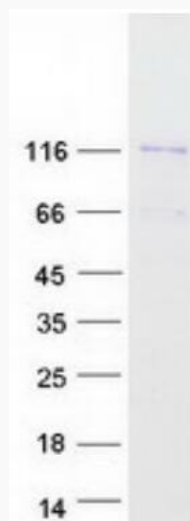
MIM 606868

UniProt ID Q9H2X6

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Coomassie blue staining of purified HIPK2 protein.

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