

Recombinant Human HIPK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HIPK2-2212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HIPK2 MS Standard C13 and N15-labeled recombinant protein (NP_073577) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	130.8 kDa
AA Sequence	MAPVYEGMASHVQVFSPHTLQSSAFCSVKKLKIEPSSNWDMTGYGSHSKVYSQSK NIPLSQPATTTVSTSLPVPNPSPYPYEQTIVFPGSTGHIVVTSASSTSVTGQVLGGPHN LMRRSTVSLLDITYQKCGLKRKSEEIENTSSVQIIEHPPMIQNNASGATVATATTSTA TSKNSGSNSEGDYQLVQHEVLCMTNTYEVLEFLGRGTFGQVVKCWRGTNEIVAI KILKNHPSYARQGQIEVSILARLSTESADDYNFVRAYECFQHKNHTCLVFEMLEQNL YDFLKQNKFSPLPLKYIRPVLQQVATALMKLKSGLIHADLKPENIMLVDPSRQPYRV KVIDFGSASHVSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPL

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YPGASEYDQIRYISQTQGLPAEYLLSAGTKTTRFFNRDTSPLYPLWRLKTPDDHEAE
 TGIKSKEARKYIFNCLDDMAQVNMTTDLEGSDMLVEKADRREFIDLLKKMLTIDADKR
 ITPIETLNHPFVTMTHLLDFPHSTHVKSFCQNMEICKRRVNMYDTVNQSKTPFITHVA
 PSTSTNLMTFNNQLTTVHNQAPSSTSATISLANPEVSILNYPSTLYQPSAASMAAVA
 QRSMP LQTGTAQICARPDFQQA LVCPPGFQGLQASPSKHAGYSVRMENAVPIVT
 QAPGAQPLQIQPGLLAQQA WPSGTQQILLPPAWQQLTGVATHTSVQHATVIPETMA
 GTQQ LADWRNTHAHGSHYNPIMQQPALLTGHVTLPAAQPLNVGVAHV MRQQPTST
 TSSRKSQKHQSSVRNVSTCEVSSSSQAISSPQRSKRVKENTPPRCAMVHSSPACSTS
 VTCGWGDVASSTTRERQRQTIVIPDTPSPTVSVITISSDTDEEEEQKHAPTSTVSKQ
 RKNVISCVTVHDSPYSDSSSNTSPYSVQQRAGHNNANAFDTKGSLENHCTGNPRTII
 VPPLKTQASEVLVECDSLVPVNTSHHSSSYKSKSSSNVTSTSGHSSGSSSGAITYRQ
 QRP GPHFQQQQPLNLSQAQQHITTDRTGSHRRQQAYITPTMAQAPYSFPHNSPSH
 GTVHPHLAAAAAAHLPTQPHLYTYTAPAA LGSTGTVAHLVASQGSARHTVQHTAY
 PASIVHQVPVSMGPRVLPSP TIHPSQYPAQFAHQTYISASPASTVYTGYP LSPAKVN
 QYPYITRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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Official Symbol	HIPK2
Synonyms	HIPK2; homeodomain interacting protein kinase 2; homeodomain-interacting protein kinase 2; hHIPk2; PRO0593; FLJ23711; DKFZp686K02111;
Gene ID	28996
mRNA Refseq	NM_022740
Protein Refseq	NP_073577
MIM	606868
UniProt ID	Q9H2X6
SDS-PAGE	