

Product datasheet for TP320278L

HIPK2 (NM_022740) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human homeodomain interacting protein kinase 2 (HIPK2), transcript variant 1, 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220278 representing NM_022740
Red=Cloning site Green=Tags(s)

MAPVYEGMASHVQVFSPTLQSSAFCSVKKLIKIEPSSNWDMTGYGSHSKVYSQSKNIPLSQPATTTVSTS
 LPVPNPSPLYEQTIVFPGSTGHIVTSASSTSVTGQVLGGPHNLMRRSTVSLLDTYQKCGLKRKSEEIEN
 TSSVQIIIEHPPMIQNNASGATVATATTSTATSKNSGSNSEGDYQLVQHEVLCSMTNTYEVLEFLGRGTF
 GQVVKCWKRGTEIVAIKILKNHPSYARQGQIEVSILARLSTESADDYNFVRAYECFQHKNHTCLVFEML
 EQNLYDFLKQNKFSPLPLKYIRPVLQQVATALMKLKSLGLIHADLKPENIMLVDPSPRQPYRVKVIDFGSA
 SHVSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPLYPGASEYDQIRYISQTQGLP
 AEYLLSAGTKTRFFNRDTPSPYPLWRLKTPDDHEAETGIKSKEARKYIFNCLDDMAQVNMTTDLEGSMD
 LVEKADRREFIDLLKMLTIDADKRITPIETLNHPFVTMTHLLDFPHSTHVKSCFQNMIEICKRRVNMYYDT
 VNQSKTPFITHVAPSTSTNLMTFNNQLTTVHNQAPSSTSATISLANPEVSILNYPSTLYQPSAASMAAV
 AQRSMPLQTGTAQICARPDFFQALIVCPPGFQGLQASPSKHAGYSVRMENAVPIVTPAPGAQPLQIQPG
 LLAQQAWPSGTQQILLPPAWQQLTGVAHTSVQHATVIPETMAGTQQLADWRNTHAHGSHYNPIMQQPAL
 LTGHVTLPAAQPLNVGVAHVMRQQPTSTTSSRKSQHQSSVRNVSTCEVSSSQAISSPQRSKRKENTPP
 RCAMVHSSPACSTSVTCGWGDVASSTTRERQRQTIVIPDTPSPTVSVITISSDTEDEEEQKHAPTSTVSK
 QRKNVISCVTVHDSFYSDSSSNTSPYSVQQRAGHNNANAFDTKGSLENHCTGNPRTIIVPLKTQASEVL
 VECDSLVPVNTSHHSSYSKSSSNVTSTSGHSSGSSSGAITYRQRPGPHFQQQPLNLSQAQQHITTD
 RTGSHRRQYAITPTMAQAPYSFPHNSPSHGTVHPLHAAAAAAAAHLPTQPHLYTYTAPAALGSTGTVAHL
 VASQGSARHTVQHTAYPASIVHQVPVSMGPRVLPSTIHPYQYPAQFAHQTYISASPASTVYTGYPSPA
 KVNQYPYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

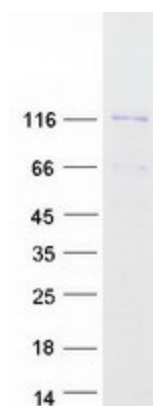
Tag: C-Myc/DDK
Predicted MW: 130.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_073577
Locus ID:	28996
UniProt ID:	Q9H2X6
RefSeq Size:	15148
Cytogenetics:	7q34
RefSeq ORF:	3594
Synonyms:	PRO0593
Summary:	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. [provided by RefSeq, Nov 2011]
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors

Product images:



Coomassie blue staining of purified HIPK2 protein (Cat# [TP320278]). The protein was produced from HEK293T cells transfected with HIPK2 cDNA clone (Cat# [RC220278]) using MegaTran 2.0 (Cat# [TT210002]).