

## Product datasheet for **TP320278M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220278 representing NM_022740 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAPVYEGMASHVQVFSPTLQSSAFCSVKKLIKIEPSSNWDMTGYGSHSKVYSQSKNIPLSQPATTTVSTS  
LPVNPSPLYEQTIVFPGSTGHIVTSASSTSVTGQVLGGPHNLMRRSTVSLLDTYQKCGLKRKSEEIEN  
TSSVQIIIEHPPMIQNNASGATVATATTSTATSKNSGNSSEG DYQLVQHEVLCSMTNTYEVLEFLGRGTF  
GQVVKCWKRGTNEIVAIIKILKNHPSYARQGQIEVSILARLSTESADDYNFVRAYECFQHKNHTCLVFEML  
EQNLDFLQKQNFSPPLKYIRPVLQQVATALMKLKSGLIHADLKPENIMLVDPSPYRQYRVKVIDFGSA  
SHVSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPLYPGASEYDQIRYISQTQGLP  
AEYLLSAGTKTRFFNRDTPSPYPLWRLKTPDDHEAETGIKSKEARKYIFNCLDDMAQVNMTTDLEGS DM  
LVEKADRREFIDLLKMLTIDADKRITPIETLNHPFVTMTHLLDFPHSTHVKSCFQNMIEICKRRVNM MYDT  
VNQSKTPFITHVAPSTSTNLMTFNNQLTTVHNQAPSSTSATISLANPEVSILNYPSTLYQPSAASMAAV  
AQRSMPLQTGTAQICARPDFFQALIVCPPGFQGLQASPSKHAGYSVRMENAVPIVTPAPGAQPLQIQPG  
LLAQQAWPSGTQQILLPPAWQQLTG VATHTSVQHATVIPETMAGTQQLADWRNTHAHGSHYNPIMQQPAL  
LTGHVTLPAAQPLNVGVAHV MRQQPTSTTSSRKSQHQSSVRNVSTCEVSSSQAISSPQRSKRKVENTPP  
RCAMVHSSPACSTSVTCGWGDVASSTTRERQRQTIVIPDTPSPTVSVITISSDTDEEEEQKHAPTSTVSK  
QRKNVISCVTVHDS PYS DSSSNTSPYSVQQRAGHNNANAFDTKGSLENHCTGNPRTIIVPLKTQASEVL  
VECDSLVPVNTSHHSSYKSKSSSNTSTSGHSSGSSSGAITYRQRPGPHFQQQPLNLSQAQQHITTD  
RTGSHRRQQAYITPTMAQAPYSFPHNSPSHGTVHPHLAAAAAAHLPTQPHLYTYTAPAALGSTGTVAHL  
VASQGSARHTVQHTAYPASIVHQVPVSMGPRVLPSTIHP SQYPAQFAHQTYISASPASTVYTGYP LSPA  
KVNQYPYI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

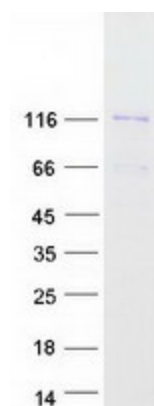
Tag:	C-Myc/DDK
Predicted MW:	130.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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