

Product datasheet for PH320278

HIPK2 (NM_022740) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HIPK2 MS Standard C13 and N15-labeled recombinant protein (NP_073577)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220278
Predicted MW:	130.8 kDa
Protein Sequence:	>RC220278 representing NM_022740 Red=Cloning site Green=Tags(s)

MAPVYEGMASHVQVFSPTLQSSAFCSVKLKIIEPSSNWDMTGYGSHSKVYSQSKNIPLSQPATTTVSTS
LPVNPNSLPYEQTIVFPGSTGHIIVVTSASSTSVTGQVLGGPHNLMRRSTVSLLDYQKCGLKRKSEEIEN
TSSVQIIEEHPPMIQNNASGATVATATTSTATSKNSGNSSEG DYQLVQHEVLC SMTNTYEVLEFLGRGTF
GQVVKCWKRGKTNEIVA I KILKNHPSYARQGQIEVSILARLSTESADDYNFV RAYECFQHKNHTCLVFEML
EQNL YDFLKQNKFSPLPLKYIRPVLQQVAT ALMKL KSLGLIHADLKPENIMLVDPSRQP YRVKVIDFGSA
SHVSKAVCSTYLQSRYYRAPEIILGLPFCEAIDMWSLGCVIAELFLGWPLYPGASEYDQIRYISQTQGLP
AEYLLSAGTKTRFFNRD TDSPYPLWRLKTPDDHEAETGIKSKEARKYIFNCLDDMAQVNM TTDLEGSDM
LVEKADRRFIDLLKMLTIDADKRITPIETLNHPFVTMTHLLDFPHSTHVKSFCQNMEICKRRRVNMYDT
VNQSKTPFI THVAPSTSTNL TMTFNNQL TTVHNQAPSSTSATISLANPEVSILNYPSTLYQPSAASMAAV
AQRSMPLQGTGAQICARPDFQALIVCPPGFQGLQASPSKHAGYSVRMENA VPIVTPAGAQPLQIQPG
LLAQAWPSGTQQILLPPAWQQLTGVAHTSVQHATVIPETMAGTQQLADWRNTHAHGSHYNPIMQPAL
LTGHVTL PAAQPLNVGVAVHMRQPTSTTSRKSQKHQSSVRNVSTCEVSSSQAISSPQRSKRKVENTPP
RCAMVHSSPACSTSVTCGWGDVASSTTRERQRQTIVIPDTPSPTVSVITISSDTDEEEEQKHAPTSTVSK
QRKNVISCVTVHDS PYS DSSSNTSPYSVQQRAGHNNANAFDTKGSLENHCTGNPRTIIVPPLKTQASEVL
VECDLVPVNTSHHSSSYKSSSNVTSTSGHSSGSSSGAITYRQRP GPHFQQQPLNL SQAQQHITTD
RTGSHRRQAYITPTMAQAPYSFPHNSPSHGTVHPHLAAAAAAHLPTQPHLYTYTAPAALGSTGTVAHL
VASQGSARHTVQHTAYPASIVHQVPVSMGPRVLPSPPTIHP SQYPAQFAHQTYISASPASTVYTYGPLSPA
KVNQYPYI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

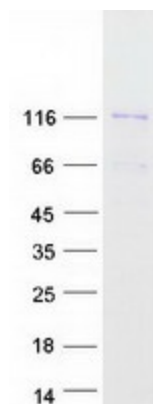
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_073577
RefSeq Size:	15148
RefSeq ORF:	3594
Synonyms:	PRO0593
Locus ID:	28996
UniProt ID:	Q9H2X6
Cytogenetics:	7q34
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]).