

Product datasheet for PH324930

KIF4B (NM_001099293) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIF4B MS Standard C13 and N15-labeled recombinant protein (NP_001092763)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or	RC224930
AA Sequence:	
Predicted MW:	139.9 kDa
Protein Sequence:	>RC224930 representing NM_001099293 Red=Cloning site Green=Tags(s)

MKEEVKGIPVRVALRCRPLVPKEISEGCMCLSFVPGETQVVVGTDKSFTYDFVDPCTEQEEVFNKAVA
PLIKGIFKGYNATVLAYGQTGSGKTYSMGAYTAEQENEPTVGIIIPRVIQLLFKEIDKKSDFEFTLKVS
LEIYNEEILDLLCPSREKAQINIREDPKEGKIKIVGLTEKTVLVALDTVSCLEQGNSRTVASTAMNSQSS
RSHAIFTISIEQRKKSCKNSFRSKLHLVDLAGSERQKKTAEGRDLKEGININRGLLCLGNVISALGDD
KKGFSVPYRDSKLTRLLQDSLGGNSHTLMIACVSPADSNLEETLSTLRYADRARKIKNKPIVNIDPHTAE
LNHLKQVQQLQVLLQLAHGGTLPGSINAEPSENLSLMEKNQSLVEENEKLSRCLSKAAGQTAQMLERI
ILTEQVNEKLNALKEELRQHVACKLDLQKLVTLEDQELKENVEIICNLQQLITQLSDETVACTAAAI
AVEEEAQVETSPETSRSSDAFTTQHALHQAQMSKEVVELNNALALKEALVRKMTQNDNQLQPIQFYQDN
IKNLELEVINLQKEKEELVRELQTAKKNVNQAKLSEHRHKLLELEGQIADLKKKLEQSKLLKLKESTE
RTVSKLNQEIWMMKNQVRVQLMRQMKEDAERQWKQKKDKKEVIQLKERDRKRQYELLKERNFQKQSSVL
RRKTEEAANKRLKDALQKQREVTDKRRKETQSHGKEGIAARVRNWLGNIEVMVSTEEAKRHLNDLLED
RKILAQDVVQLKEKESRENPPPKLRKCTFSLSEVHGQVLESEDCITKQIESLETMEELRSAQIADLQK
LLDAESEDPRPKQWENIATILEAKCALKYLI GELVSSKIHVTKLENSLRQSKASCADMQKMLFEEQNHS
ELETQLAELVRMEQQHQEKVLYLVSQLESQMAEKQLEKSASEKEQLVSTLQCQDEELEKMRVCEQN
QQLQENEEIKQLILLQVSRQKHLPNDTLLSPDSSFYIPPKPKPSRVKEKFLEQSMIDIEDLYKCYSEH
SVNEHEDGDGDGSDGDDDEEWKPTKLKVSRRNIQGCSCGKNGKQCGCRKQKSDCGVDCSDPTKCR
NRQQKGDLSLGTVEQTQDSEGSFKLEDPTVTPGLSFFNPVCATPNSKILKEMCDMEQVL SKKTAPAPSPF
DLPESKHGATEYQQNKPPGKKKKRALASNTSFFSGCSPIEEEAH

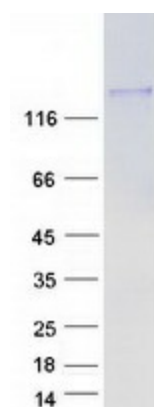
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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
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_001092763
RefSeq Size:	4426
RefSeq ORF:	3702
Locus ID:	285643
UniProt ID:	Q2VIQ3
Cytogenetics:	5q33.2
Summary:	This gene is an intronless retrocopy of kinesin family member 4A. The protein encoded by this gene is a microtubule-based motor protein that plays vital roles in anaphase spindle dynamics and cytokinesis. [provided by RefSeq, Jul 2016]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified KIF4B protein (Cat# [TP324930]). The protein was produced from HEK293T cells transfected with KIF4B cDNA clone (Cat# [RC224930]) using MegaTran 2.0 (Cat# [TT210002]).