

Product datasheet for TP511297

Kif5c (NM_008449) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kinesin family member 5C (Kif5c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211297 representing NM_008449 Red=Cloning site Green=Tags(s)

MADPAECSIKVMCRFRPLNEAEILRGDKFIPKFKGEETVWIGQGKPYVFDRLPPNTTQEQVYNACAKQI
VKDVLEGYNGTIFAYGQTSSGKTHMTEGKLHDPQLMGIIPRIAHDFDHIYSMDENLEFHIKVSFYFEIYL
DKIRDLLDVSKTNLAVHEDKNRPVYVKGCTERFVSSPEEVMVIDEGKANRHHVAVTNMNEHSSRSHSIFL
INIKQENVETEKKLSGKLYLVDLAGSEKVSKTGAEGAVLDEAKNINKSLSALGNVISALAEGTKTHVPYR
DSKMTRILQDSLGGNCRRTTIVICCCSPSVFNEAETKSTLMFGQRAKTIKNTVSVNLELTAEEWKKKYEKEK
EKNKALKSVLQHLEMELNRWRNGEAVPEDEQISAKDQKSLEPCDNTPIIDNITPVVDGISAEEKEYDEEI
TSLYRQLDDKDDEINQQSQAELKQQLDQDELLASTRRDYEKIQEELTRLQIENEAADDEVKEVLQAL
EELAVNYDQKSQEVEDKTRANEQLTDELAQKTTTLLTTTQRELSQLQELSNHQKRATEILNLLLKDLGEI
GGIIGTNDVKTADVNGVIEEFTMARLYISKMKSEVKSLVNRSKQLESAQMDSNRKMNASERELAACQL
LISQHEAKIKSLTDYMQNMEQKRRQLEESQDSLSEELAKLRAQEKMHVSVFQDKEKEHLTRLQDAEEVKK
ALEQQMESHREAHQKLSRLRDEIEEKQRIIDEIRDNLNKLQLEQERLSSDYNKLIKIEDQEREVKLEKLL
LLNDKREQAREDLKGLEETVSRELQTLHNLKLFVQDLTTRVKKSVELSDDDGGGSAQKQKISFLENNL
EQLTKVHKQLVRDNADLRCELPKLEKRLRATAERVKALESALKEAKENAMRDRKRYQQEVDRIKEAVRAK
NMARRAHSQAIAKPIRPGHYPPASSPTAVHAVRGGGGGSSNSTHYQK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

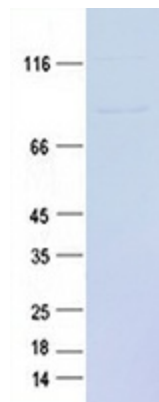
Tag:	C-MYC/DDK
Predicted MW:	109.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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 after receiving vials.
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_032475
Locus ID:	16574
UniProt ID:	P28738
RefSeq Size:	6867
Cytogenetics:	2 28.68 cM
RefSeq ORF:	2868
Synonyms:	Khc; KINN; NKHC; NKHC2
Summary:	Involved in synaptic transmission (By similarity). Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. Mediates dendritic trafficking of mRNAs (PubMed:19608740). Required for anterograde axonal transportation of MAPK8IP3/JIP3 which is essential for MAPK8IP3/JIP3 function in axon elongation (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Kif5c was analyzed by SDS-PAGE gel and Coomassie Blue Staining.