

Product datasheet for TP518976

Cep72 (NM_028959) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse centrosomal protein 72 (Cep72), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218976 representing NM_028959 Red=Cloning site Green=Tags(s)

MAPGQRLVLC EETVRERSGLGPHRDLAELRSL SIPGT YQE KITHLGNSLMHLTALKSLDLSRNSLVSLEG
IQYLVSL ESNLYNCISSLA E V F R L H T L L E L Q D V D F R L N P V V K N E S D Y R L F V V H M L P K L R Q L D D R P V R E
SERKASQLHFAPEDSLNSKENFSTTLTVGRPHHLNRCTETS AKKCLVMDADDEAVLNLIAECEWDL SNP
PGNMSSSQKEHEADLHYAQESRHLLSPLSIQHQC GDSARRGHEKKKVT SRGCPGHSPQDQLCGELPLQH G
LPEACHMHVQHARITSQPDSVDVEDCASSAQKSSLSSQKTVNPLPVPEKYRKRMPGGRFQVPSDRECLS
FLERADGPSSLEDLSLRQDGLGQSQVALSHSEALEAEERTSHGTS DPRVLS PKLCSAAVPERRSTLEVA
LLEALLDLIDRCSSGSLHGNEAFLAQAKHVLSSLQEFATRDSSALEKEGIGYLSLENKTLQSRLAEQ
QQQYATATVKMTAELNNTKRELDTLRQHLDKSLEENSHLKSLLYNV KKEVKTADTSTALTLQITGLQASM
KQLSGEVVELKQHV EHYDKIQELTQMLQESHSSLVSTNEHLLQELSRTRAQHRAEVEQMRWSFQEFKKT
ALIPHRSSRRGGRQSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	72.4 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
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.



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RefSeq:	NP_083235
Locus ID:	74470
UniProt ID:	Q9D3R3
RefSeq Size:	3632
Cytogenetics:	13 C1
RefSeq ORF:	1938
Synonyms:	2610029E11Rik; 4933440J22Rik
Summary:	Involved in the recruitment of key centrosomal proteins to the centrosome. Provides centrosomal microtubule-nucleation activity on the gamma-tubulin ring complexes (gamma-TuRCs) and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. Required for localization of KIZ, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs) (By similarity). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (By similarity).[UniProtKB/Swiss-Prot Function]