

Product datasheet for TP506102

Cabs1 (NM_027631) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium binding protein, spermatid specific 1 (Cabs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206102 protein sequence Red=Cloning site Green=Tags(s)

MAEDGSPKIYSRPPRDNSKTPTEADIFFGADNTIPKSETTITSEGDHVTSVNDCTPDGDFSTTVNKLTP
KECLKLEDDIEGCLKLTTLPKEITTPETPNKPKGSITENFIPVKIGNTSSPVGTVSLIDFSSNTAKE
DIFLTTIDTGEKEVPTTEFSGLTEDSAADVEDASGFDPDESTETDVPSSATSDAPDDGAVQVTSFSPEA
GVPPSTEKEVTTIPDITNIAEENVTEIKLIVSEDRPKTVTKLSDSEEEKFITVFELTNSAEKAKDNVEDP
LNDEESTDGANDWMEKETASEAESHAVLLTAVESRYDFIVTASETDNVMEESHVNTTDLPENETTESVTN
VTEELPSVTSIVDTLKDKEDLSTTNSGLFKLLKEEPDDLMM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.3 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
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_081907
Locus ID:	70977
UniProt ID:	Q8C633



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RefSeq Size: 1520

Cytogenetics: 5 E1

RefSeq ORF: 1176

Synonyms: 4931407G18Rik; AI428159; Clph

Summary: Calcium-binding protein (PubMed:19208547). Essential for maintaining the structural integrity of the sperm flagella (PubMed:33440775).[UniProtKB/Swiss-Prot Function]