

Product datasheet for TP523129

Cask (NM_009806) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium/calmodulin-dependent serine protein kinase (MAGUK family) (Cask), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223129 representing NM_009806 Red=Cloning site Green=Tags(s)

MADDDVLFEDVYELCEVIGKGFPSVRRRCINRETGQQFAVKIVDVAKFTSSPGLSTEDLKREASICHMLK
HPHIVELLETYSSDGMLYMVFEFMDGADLCFEIVKRADAGFVYSEAVASHYMRQILEALRYCHDNNIIHR
DVKPHCVLLASKENSAPVKLGGFGVAIQLGESGLVAGGRVGTPHFMAPEVVKREPYGKPVVWGCVMILF
ILLSGCLPFYGTKERLFEGIIKGYKMNPRQWSHISESAKDLVRRMLMLDPAERITVYEALNHPWLKERD
RYAYKIHLPETVEQLRKFNARRKLGAVLAAVSSHKFNFSFYGDPPEELPDFSEDPTSSGAVSQVLDLEE
IHALTDCSEKDLDFLHVSFQDQHLHTLLDLYDKINTKSSPQIRNPPSDAVQRAKEVLEEISCYPENNDK
ELKRILTQPHFMALLQTHDVAHEVYSDEALRVTPPTSPYLNGDSPESANGDMDMENVTRVRLVQFQKN
TDEPMGITLKMNELNHCIVARIMHGGMIHRQGLHVGDEIREINGISVANQTVEQLQKMLREMRGSITFK
IVPSYRTQSSCEDLPSTTQPKGRQIYVRAQFEYDPAKDDLIPCKEAGIRFRVGDIIQIISKDDHNWWQG
KLENSKNGTAGLIPSELQEWVACIAMKTKQEQQASCTWFGKKKKQYKDKYLAKHNAVFDQLDLVTE
EVLKLPFAFKRKTLLVLLGAHGVRRHIKNTLITKHPXXRFAYPIPHTRPPKKDEENGKNYYFVSHDQMMQ
DISNNEYLEYGSHEDAMYGKLETIRKIHEQGLIAILDVEPQALKVLRRTAEFAPFVVFIAAPTITPGLNE
DESLQRLQKESDVLQRTYAHYFDLTIINNEIDETIRHLEEAVELVCTAPQWVPVSWVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	102.5 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.



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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_033936
Locus ID:	12361
UniProt ID:	O70589
RefSeq Size:	8260
Cytogenetics:	X 8.43 cM
RefSeq ORF:	2694
Synonyms:	DXPri1; DXRib1; LIN-2; mLin-2; Pals3
Summary:	Multidomain scaffolding protein with a role in synaptic transmembrane protein anchoring and ion channel trafficking. Contributes to neural development and regulation of gene expression via interaction with the transcription factor TBR1. Binds to cell-surface proteins, including amyloid precursor protein, neurexins, and syndecans. May mediate a link between the extracellular matrix and the actin cytoskeleton via its interaction with syndecan and with the actin/spectrin-binding protein 4.1.[UniProtKB/Swiss-Prot Function]