

Product datasheet for **TP507039**

2010317E24Rik (BC070477) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 2010317E24 gene (cDNA clone MGC:99844 IMAGE:30656854), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207039 protein sequence Red =Cloning site Green =Tags(s)
	MAERGRLSHAAPAPSTEGLPRAFLQSLRTLFDILDDRQRGYVHLREIESRWQGADARELPCGVLEGLRQV APANGYLTFERFVAGLRTSLLKADGGQRDQARVAARPGDQSSLQQRLMFAPADEPRTVLKERKPLPLSACP ASGGPSGTSRNPPELLCVPVEAASCPTETERPLSKALEQIPSADLGAAACKTLGKGTGEARQAPRARGERR RHTITNGVDCSLLKQMKELDQEVEVLLQGLEMMARGRDWYQQQLQRVQERQRRLSQSRAAADFGAEGSPR PLGRLLPKVQEVARCLGELLTAACSGRVSALAAWHPLSLFWMLCQERSGSLCTSTGSAFVLFRAPGPSL TLNSSLAATDHPHAERTEPASHSGEVWEDGAGAGGPANPDRLPACSPAQEVTDKSERITQLEQEKSALIK QLFEARALSQQDSGPLDSTFI
	SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	47.9 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.
Locus ID:	72080
UniProt ID:	Q9D818



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RefSeq Size: 1779

Cytogenetics: 2 A3

RefSeq ORF: 1323

Synonyms: ang, RP23-47P18.4

Summary: Plays a role in planar mitotic spindle orientation in retinal progenitor cells (RPCs) and promotes the production of symmetric terminal divisions (PubMed:26766442). Negatively regulates the mitotic apical cortex localization of GPSM2 (By similarity). Involved also in positive regulation of cell proliferation and tumor cell growth (By similarity).[UniProtKB/Swiss-Prot Function]