

Product datasheet for TP520626

Pik3ap1 (NM_031376) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoinositide-3-kinase adaptor protein 1 (Pik3ap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220626 representing NM_031376 Red=Cloning site Green=Tags(s) MAASGWGRGCDILIFYSPDAEEWCQYLQDLFVSCRQVRSQKTQTYRLVPDASFSAQDLWVFRDARCVLVL LSAGLVGCFGQPGLLPMLQRACHPPQRVVRLLCGVQPGDEDFQAFFPDWAHWQEMTCDDEPETYLA AVRK AISEDGCDSDTDEPEDERELPFSKQTNLPPEISPGNLMVVQPDRIRCGAETTVYIIVRCKLDEKVSTE AEFSPEDSPSIRVEGTLENEYTVSVKAPDLSSGNVSLKVYSGDLVCETTYSYYTDMEEIGNLLSSAANP VEFMCQAFKIVPYNTETLDKLLTESLKNIPASGLHLFGINQLEEDMMTNQRDEELPTLLHFAAKYGLK NLTALLTTCPGALQAYSVANKHGHYPNTIAEKHGFRDLRQFIDEYVETVDMLKTHIKEELMQGEEADDVY ESMAHLSTDLLMKCSLNPGCDDDELYESMAAFAPAATEDLYVEMLQASAGNPVSGESFSRPTKDSMIRKFL EGNSVKPASWEREQHHPYGEELYHIVDEDETFVVDLANRPPVPRPEASAPGPPPPDPNEPYISKVFAE KSQERLGNFYVSESIRKEPLVRPWRDRPPSSIIDPFAGMKTPGQRQLITLQEQVKLGIVNVDEAVLHFK EWQLNQKKRSESRFQQENLKRRESITRRRKEKPKSGKHTDLEITVPIRHSQHLPEKVEFGVYESGPRK SVLPARTELRRGDWKTDSMSSTASSTSNRSSTRSLLSVSSGMEGDNEDNEIPEITRSRGPPTQVDGAPV VTGTPVGTLERPPRPPRAASQRPLTRESFHPPPPVPRGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	91.4 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.



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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_113553
Locus ID:	83490
UniProt ID:	Q9EQ32
RefSeq Size:	2615
Cytogenetics:	19 C3
RefSeq ORF:	2433
Synonyms:	1810044J04Rik; BCAP
Summary:	Signaling adapter that contributes to B-cell development by linking B-cell receptor (BCR) signaling to the phosphoinositide 3-kinase (PI3K)-Akt signaling pathway. Has a complementary role to the BCR coreceptor CD19, coupling BCR and PI3K activation by providing a docking site for the PI3K subunit PIK3R1. Alternatively, links Toll-like receptor (TLR) signaling to PI3K activation, a process preventing excessive inflammatory cytokine production. Also involved in the activation of PI3K in natural killer cells. May be involved in the survival of mature B-cells via activation of REL.[UniProtKB/Swiss-Prot Function]