

Product datasheet for TP517361

Pacs2 (NM_001081170) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphofurin acidic cluster sorting protein 2 (Pacs2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217361 representing NM_001081170 Red=Cloning site Green=Tags(s)

MAERGRGLPGAPGALNTPVPMNLFATWEVDGSSPSCVPRCLSLTLKKLAVLRELEKELLSVIAVKMQG
SKRVLRSHIVLPPSGQVETDLALTFSLQYPHFLKREGNKLQIMLQRRKRYKNRTILGYKTLAAGSINMA
EVMQHPSEGGQVLSLCSSIKEASVKVAEIWIVSLSSQPIDHEDSAMQAGPKTKSTDNYSEEEYESFSSEQ
EASDDAVQGQDLDEDDFDVGKPKKQRRSIVRTTSMTRQQNFQKQVWALLRRFKVSEEVLDSEQDPAEHVP
EVEEDLDLLYDTLDVENPSDSGPDMDDDDSVLSTPKPKLRPYFEGLSHSSSQTEIGSIHSARSHREPPSP
ADVPEKTRSLGGKQQLSDSVSDTVALSAAVPREPSGQPEDSPEAETSTLDVFTEKLPSPGRIIKTESLVI
PSTRSESKPAGRRGRSTSLKERQPARPQNERANSLDNERCPDTRSQIQIPRKTVYDQLNHILISDDQLPE
NIILVNTSDWQGGFLSDVLQKHTLPVVCTCSAADVQAAFSTIVSRIQRYCNCNSQPPTPVKIAVAGA QHY
LSAILRLFVEQLSHKTPDWLGYMRFLIPLGSHPVARYLGSVDYRYNNFFQDLAWRDLFNKLEAQSSVQD
TPDIVSRITQYISGANCAHQLPIAEAMLTYKQKSPDEESSQRIFIPVGVVKGIVEPSSATSGDSDDAAP
SSSILSSTPPSASTSPAAKEASPTPPSSPSVSGGLSSPSQGVGAELMGLQVDYWTAAQPADRKRDAEKK
DMPTTKNTLKCTFRSLQVSRLPSSGEEAATPTMSMTVVTKEKNKKVMFLPKKTKDKEVESKSQCIEGISR
LICTAKHQQNMLRVLIDGVECSDVKFFQLAAQWSSHVKHFPICIFGHSKATF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	98.6 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_001074639
Locus ID:	217893
UniProt ID:	E9Q7E9
RefSeq Size:	5480
Cytogenetics:	12 F1
RefSeq ORF:	2676
Synonyms:	6720425G15Rik; AW208651; AW489976; E230011J22; mKIAA0602; Pacs11
Summary:	Multifunctional sorting protein that controls the endoplasmic reticulum (ER)-mitochondria communication, including the apposition of mitochondria with the ER and ER homeostasis. In addition, in response to apoptotic inducer, translocates BIB to mitochondria, which initiates a sequence of events including the formation of mitochondrial truncated BID, the release of cytochrome c, the activation of caspase-3 thereby causing cell death. May also involved in ion channel trafficking, directing acidic cluster-containing ion channels to distinct subcellular compartments (By similarity).[UniProtKB/Swiss-Prot Function]