

Product datasheet for TP509748

Ralbp1 (NM_009067) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ralA binding protein 1 (Ralbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209748 protein sequence Red=Cloning site Green=Tags(s)

MTECFLPPSSSPSEHRRRAEHGSLTRTPSSEEISPTKFPGLYRTGEPSPPHDVLHEPPDTVSDDDKDHGK
 KKGKFKKKEKRTEGYAAFQEDSSGDEAESPSKVKRSKGIHVFKKPSFSKKKEKDFKIKEKPKEEKHKEEK
 HKEEKHKEKSKDLTAADVVKQWKEKKKKKKPIQEPEVPQMDAPSVKPIFGVPLVDAVERTMMYDGVRLP
 AVFRECVDYMEKHGMKCEGVYRVSGIKSKVDELKAAVDREESPNLEEYEPNTVASLLKQYLRDLPENLLT
 KELMPRFEEACGKTTMEKVQEFQRLRELPECNHLLLSWLIVHLDHVIAKELETKMNIQNISIVLSPTV
 QISNRVLYVLFTHVQELFGTVVLKQVTRPLRWSNMATMPTLPETQAGIKEEIRRQFLLNCLHRDLQGGI
 KDLSKEERLWEVQRILTALKRKLREAKRQECETKIAQEIASLSKEDVSKEEMNENEEVINILLAQENEIL
 TEQEELLAMEQFLRRQIASEKEEIDRLRAEIAEIQSRQQHGRSETEEYSSDSESESEDEEELQLILEDLQ
 RQNEELEIKNNHLNQAVHEEREAIIELRVQLRLLQMQRAKSEQQPQEEEEEPERRGGTGPSPCDGVLEVRV
 AKEQAKASPSKDRKETPI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	75 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.



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RefSeq: [NP_033093](#)

Locus ID: 19765

UniProt ID: [Q62172](#)

RefSeq Size: 4112

Cytogenetics: 17 35.26 cM

RefSeq ORF: 1947

Synonyms: Rip1; RLIP76

Summary: Can activate specifically hydrolysis of GTP bound to RAC1 and CDC42, but not RALA. Mediates ATP-dependent transport of S-(2,4-dinitrophenyl)-glutathione (DNP-SG) and doxorubicin (DOX) and is the major ATP-dependent transporter of glutathione conjugates of electrophiles (GS-E) and DOX in erythrocytes. Can catalyze transport of glutathione conjugates and xenobiotics, and may contribute to the multidrug resistance phenomenon. Serves as a scaffold protein that brings together proteins forming an endocytotic complex during interphase and also with CDK1 to switch off endocytosis, One of its substrates would be EPN1/Epsin (By similarity). [UniProtKB/Swiss-Prot Function]