

Product datasheet for **TP510836**

Ap1g1 (NM_009677) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adaptor protein complex AP-1, gamma 1 subunit (Ap1g1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210836 representing NM_009677 Red =Cloning site Green =Tags(s)

MPAPIRLRELIRTIRTARTQAEEREMIQKECAAIRSSFREEDNTYRCRNVAKLLYMHMLGYPAHFGQLEC
LKLIAQKFTDKRIGYLGAMLLLDERQDVHLLMTCIKNDLNHSTQFVQGLALCTLGCMGSSEMCRDLA
EVEKLLKTSNSYLKKAALCAVHVIRKVPPELMMFLPATKNLLNEKNHGVLTHTSVLLTEMCERSPDMLA
HFRKNEKLVLPQLVRILKNLIMSGYSPEHDVSGISDPFLQVRILRLLRILGRNDDSDSEAMNDILAQVATN
TETSKNVGNAILYETVLTIMDIKSEGLRVLAINILGRFLLNNDKNIRYVALTSLLKTVQTDHNAVQRHR
STIVDCLKDLVSIKRRAMELSFALVNGNINIRGMMKELLYFLDSCEPEFKADCASGIFLAAEKYAPSKRW
HIDTIMRVLTTAGSYVRDDAVPNLIQLITNSVEMHAYTVQRLYKAILGDYSQQPLVQVAAWCIGEYGDLL
VSGQCEEEPIQVTEDEVLDILESVLISNMSTSVTRGYALTAIMKLSTRFTCTVNRIKKVVSIVYSSIDV
ELQQRAVEYNALFKKYDHMRSALLERMPVMEKVTNNGPSEIVQTNGETEPAPLETKPPPSGPQPTSQAND
LLDLLGGNDITPVIPTAPTSKPASAGGELLDLLGDITLTGAPAAAPTASVPQISQPPFLLDGLSSQPLF
NDIAPGIPSITAYSKNGLKIEFTFERSNTNPSVTVITIQASNSTELDMTDFVFQAAVPKTFQLQLLSPSS
SVVPAFNTGTITQVIKVLNPQKQQLRMRIKLTYNHKGSAQDLAEVNNFPPQSWQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	92.2 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_033807
Locus ID:	11765
UniProt ID:	Q8CBB7
RefSeq Size:	6817
Cytogenetics:	8 57.26 cM
RefSeq ORF:	2475
Synonyms:	AA409002; Adtg; AU041323; AW551707; D8Ertd374e
Summary:	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.[UniProtKB/Swiss-Prot Function]