

## Product datasheet for **TP314836L**

### AGAP1 (NM\_014914) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 (AGAP1), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214836 representing NM_014914 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNYQQQLANSAAIRAEIQRFESVHPNIYSIYELLERVEEPVLQNIQIREHVIAIEDAFVNSQEWTLRSVPELKVGIVGNLASGKSALVHRYLTGTYYVEESPEGGFRKKEIVVDGQSYLLLRDEGGPPEAQFAMWVDAVIFVFSLEDEISFQTVYHYYSRMANYRNTSEIPLVLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIVATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSSVSPSTPSTSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPDKKGLSRADSIGSGRAIPIKQGMLLKRSGLSLNKEWKKKYVTLCDNGVLTYHPSLHDYMQNVHGKEIDLLRRTTVKVPGKRPPRATSACAPISSPKTNGLSKDMSSLHISPNSDTGLGDSVCSPPSISSTTSPKLDPPSPHANRKKHRRKSTSNFKADGLSGTAAEQEENFEFIIIVSLTGQTWHFATTYEERDAWVQAIQSILASLQSCSSKNSRRLTSQSEAMALQSIRNMRGNSHCVCDCETQNPWASLNLGALMCIECSGIHRNLGTHLSRVRLDLDWVPELIKVMSSIGNELANSVWEESSQGRTPKPSVDSTREEKERWIRAKYEQKFLAPLPCTELSLGQHLLRATADEDLRTAILLLAHGSRDEVNETCGEGDGRTALHLACRKGNVLAQLLIWYGVDTVARDAHGNTALAYARQASSQECIDVLLQYGCPDERFVLMATPNLSRRNNRNNSSGRVPTII

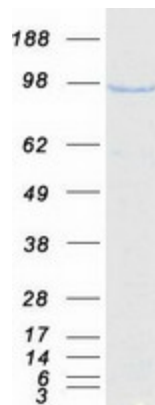
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	88.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055729</a>
<b>Locus ID:</b>	116987
<b>UniProt ID:</b>	<a href="#">Q9UPQ3</a>
<b>RefSeq Size:</b>	4078
<b>Cytogenetics:</b>	2q37.2
<b>RefSeq ORF:</b>	2412
<b>Synonyms:</b>	AGAP-1; CENTG2; cnt-g2; GGAP1
<b>Summary:</b>	This gene encodes a member of an ADP-ribosylation factor GTPase-activating protein family involved in membrane trafficking and cytoskeleton dynamics. This gene functions as a direct regulator of the adaptor-related protein complex 3 on endosomes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
<b>Protein Pathways:</b>	Endocytosis

**Product images:**

Coomassie blue staining of purified AGAP1 protein (Cat# [TP314836]). The protein was produced from HEK293T cells transfected with AGAP1 cDNA clone (Cat# [RC214836]) using MegaTran 2.0 (Cat# [TT210002]).