

Product datasheet for TP314836

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214836 representing NM_014914 Red=Cloning site Green=Tags(s)

MNYQQQLANSAAIRAEIQRFESVHPNIYSIYELLERVEEPVLQNIQIREHVIAIEDAFVNSQEWTLRSVPELKVGIVGNLASGKSALVHRYLTGTYYVEESPEGGFRKKEIVVDGQSYLLLRDEGGPPEAQFAMWVDAVIFVFSLEDEISFQTVYHYYSRMANYRNTSEIPLVLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIVATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSSVSPSTPSTSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPKEKKGLESRADSIGSGRAIPIKQGMLLKRSGLSLNKEWKKKYVTLCDNGVLTYHPSLHDYMQNVHGKEIDLLRRTTVKVPGKRPPRATSACAPISSPKTNGLSKDMSSLHISPNSDTGLGDSVCSPPSISSTTSPKLDPPSPHANRKKHRRKSTSNFKADGLSGTAAEQEENFEFIIIVSLTGQTWHFATTYEERDAWVQAIQSILASLQSCSSKNSRRLTSQSEAMALQSIRNMRGNSHCVCDCETQNPWASLNLGALMCIECSGIHRNLGTHLSRVRLDLDWVPELIKVMSSIGNELANSVWEESSQGRTPKPSVDSTREEKERWIRAKYEQKFLAPLPCTELSLGQHLLRATADEDLRTAILLLAHGSRDEVNETCGEGDGRTALHLACRKGNVLAQLLIWYGVDTVARDAHGNTALAYARQASSQECIDVLLQYGCPDERFVLMATPNLSRRNNRNNSSGRVPTII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

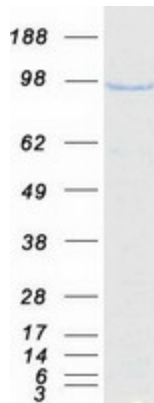
Tag:	C-Myc/DDK
Predicted MW:	88.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_055729
Locus ID:	116987
UniProt ID:	Q9UPQ3
RefSeq Size:	4078
Cytogenetics:	2q37.2
RefSeq ORF:	2412
Synonyms:	AGAP-1; CENTG2; cnt-g2; GGAP1
Summary:	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]
Protein Pathways:	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]).