

## Product datasheet for PH314836

### AGAP1 (NM\_014914) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_055729)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214836
Predicted MW:	88.9 kDa
Protein Sequence:	>RC214836 representing NM_014914 Red=Cloning site Green=Tags(s)

MNYQQQLANSAAIRAEIQRFEVHPNIYSIYELLERVEEPVQLQNQIREHVIAIEDAFVNSQEWTLRSVPELKVGI VGNLASGKSALVHRYLTGTYVQEESPEGGRFKKEIVVDGQSYLLLRIRDEGGPPEAQFAMWVDAVIFVFSLEDEISFQTVYHYYSRMANRNTSEIPLVLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIVATRKKQQLSIGPCKSLPNSSVCSAQSVAVHISQTSNGGGLSDYSSVVPSTPSTSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPKKGLSRADSIGSGRAIPIKQGMLLKRSGLSLNKEWKKKYVTLCDNGVLYHPSLHDYMQNVHGKEIDLLRRTTVKVPGRPPRATSACAPISSPKTNGLSKDMSLHISPNSDTGLGDSVCSPPSISSTTSPKLDPPPSPHANRKKHRRKSTSNFKADGLSGTAAEQEENFEFIIIVSLTGQTWHFTEATYEERDAWVAIESQILASLQSCSSKNKSRLTSQSEAMALQSIRNMRGNSHCVCDETQPNWASLNLGALMCIECSGIHRNLGTHLSRVRLDLDWVPELTKVMSSIGNELANSVWESSQGRTPKPSVDSTREEKERWIRAKYEQKFLAPLPCTELSLGQHLLRATAEDLRTAIIALLAHGSRDEVNETCGEGDGRALHLACRKGNVVLAQLLIWIYGVDTARDAHGNTALAYARQASSQECIDVLLQYGCPDERFVLMATPNLSRRNNRNNSGRVPTII

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055729</a>



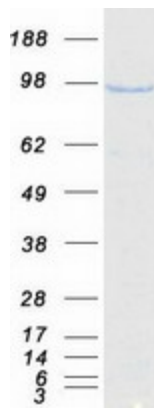
[View online >](#)

RefSeq Size:	4078
RefSeq ORF:	2412
Synonyms:	AGAP-1; CENTG2; cnt-g2; GGAP1
Locus ID:	116987
UniProt ID:	<a href="#">Q9UPQ3</a>
Cytogenetics:	2q37.2

**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]).