

Product datasheet for PH302990

AGMAT (NM_024758) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AGMAT MS Standard C13 and N15-labeled recombinant protein (NP_079034)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202990
Predicted MW:	37.8 kDa
Protein Sequence:	>RC202990 protein sequence Red=Cloning site Green=Tags(s)
	MLRLLASGCARGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARVGVCSMMRLPVQTSPEG LDAAFIGVPLDTGTSNRPGARFGPRRIREESVMLRRTVNPSTGALPFQSLMVADLGDVNVNLYNLQDSCRR IQEAYEKIVAAGCIPLTLGGDHTITYPILQAMAKKHGPGVLLHVAHTDITDKALGEKLYHGAPFRRVCVD EGLLDCKRVVQIGIRGSSTTLDPYRYNRSQGFRVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDAL DPAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYDLSGNTALLAANLLFEMLCALPKVT TV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_079034
RefSeq Size:	3154
RefSeq ORF:	1056
Locus ID:	79814
UniProt ID:	Q9BSE5 , A0A024QZ74

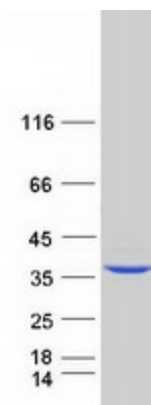


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Cytogenetics: 1p36.21

Protein Pathways: Arginine and proline metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified AGMAT protein (Cat# [TP302990]). The protein was produced from HEK293T cells transfected with AGMAT cDNA clone (Cat# [RC202990]) using MegaTran 2.0 (Cat# [TT210002]).