Product datasheet for TP302990

AGMAT (NM_024758) Human Recombinant Protein

Product data:

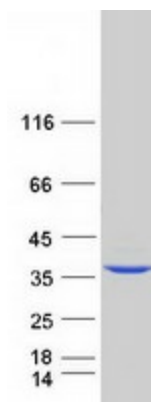|	
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human agmatine ureohydrolase (agmatinase) (AGMAT), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202990 protein sequence Red=Cloning site Green=Tags(s) MLRLLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPVGVCSMMRLPVQTSPEG LDAAFIGVPLDTGTSNRPGARFGPRRIREESVMLRTVNPSTGALPFQSLMVADLGDVNVNLYNLQDSCRR IQEAYEKIVAAGCIPLTLGGDHTITYPILQAMAKKHGPVGLLHVDAHTDTTDKALGEKLYHGAPFRRCVD EGLLDCKRVVQIGIRGSSTTLDPYRYNRSQGFRVVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDAL DPAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYDLSGNTALLAANLLFEMLCALPKVT TV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	37.5 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.
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_079034
Locus ID:	79814

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UniProt ID: Q9BSE5, A0A024QZ74

RefSeq Size: 3154

Cytogenetics: 1p36.21

RefSeq ORF: 1056

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]).