

Product datasheet for **TP302990M**

AGMAT (NM_024758) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human agmatine ureohydrolase (agmatinase) (AGMAT), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202990 protein sequence
Red=Cloning site **Green**=Tags(s)

MLRLLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPVGVCSMMRLPVQTSPEG
LDAAFIGVPLDTGTSNRPGARFGPRRIREESVMLRTVNPSTGALPFQSLMVADLGDVNVNLYNLQDSCRR
IQEAYEKIVAAGCIPLTLGGDHTITYPILQAMAKKHGPGVGLLHVDAHTDITDKALGEKLYHGAPFRRCVD
EGLLDCKRVVQIGIRGSSTLDPYRYNRSQGFRVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDAL
DPAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYDLGNTALLAANLLFEMLCALPKVT
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](#)

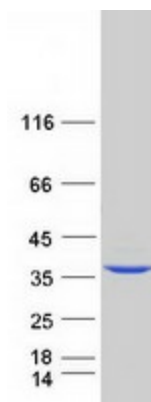
Locus ID: 79814



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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]).