

Recombinant Human AGMAT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AGMAT-5513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AGMAT MS Standard C13 and N15-labeled recombinant protein (NP_079034) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	AGMAT (Agmatinase) is a Protein Coding gene. Diseases associated with AGMAT include Dry Eye Syndrome and Renal Cell Carcinoma, Nonpapillary. Among its related pathways are Viral mRNA Translation and Regulation of activated PAK-2p34 by proteasome mediated degradation. Gene Ontology (GO) annotations related to this gene include agmatinase activity. An important paralog of this gene is ARG2.
Molecular Mass	37.8 kDa
AA Sequence	MLRLLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPV GVCSMMRLPVQTSPEGLDAAFIGVPLDTGTSNRPGARFGPRRIEESVMLRTVNPS TGALPFQSLMVADLGDVNVNLYNLQDSCRRIQEAYEKIVAAGCIPLTLGGDHTITYPIL QAMAKKHGVPVGLLHVDAHTDTTDKALGEKLYHGAPFRRVCVDEGLLDCKRVVQIGIR GSSTTLDPYRYNRSQGFRVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDALD PAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYDLSGNTALLAANLL FEMLCALPKVTTVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

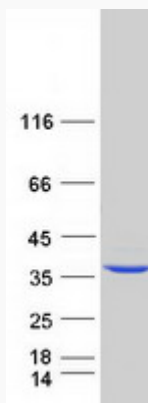
GENE INFORMATION

Gene Name	AGMAT agmatinase [Homo sapiens (human)]
Official Symbol	AGMAT
Synonyms	AGMAT; agmatine ureohydrolase (agmatinase); agmatinase, mitochondrial; FLJ23384; AUH;
Gene ID	79814
mRNA Refseq	NM_024758
Protein Refseq	NP_079034
MIM	617887
UniProt ID	Q9BSE5

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SDS-PAGE

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