

Recombinant Full Length Human AGMAT Protein, GST-tagged

Cat. No. AGMAT-999HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGMAT full-length ORF (AAH05090.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	352 amino acids
Description	AGMAT (Agmatinase) is a Protein Coding gene. Among its related pathways are Metabolism and Arginine and proline metabolism. GO annotations related to this gene include agmatinase activity. An important paralog of this gene is ARG2.
Molecular Mass	64.2 kDa
AA Sequence	MLRLLASGCA RGP GPGVGAR PAAGLFHPGR RQSRQASDAP RNQPPSPEFV ARPVGVCSMM RLPVQTSPEG LDAAFIGVPL DTGTSNRPGA RFGPRRIREE SVMLRTVNPS TGALPFQSLM VADLGDVNVN LYNLQDSCRR IQEAYEKIVA AGCIPLTLGG DHTITYPILQ AMAKKHGPVG LLHVDAHTDT TDKALGEKLY HGAPFRRCDV EGLLDCKRVV QIGIRGSSTT LDPYRYNRSQ GFRVLAEDC WMKSLVPLMG EVRQQMGGKP IYISFDIDAL DPAYAPGTGT PEIAGLTPSQ ALEIIRGCQG LNVMGCDLVE VSPPYDLGN TALLAANLLF EMLCALPKVT TV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [AGMAT agmatine ureohydrolase \(agmatinase\) \[Homo sapiens \]](#)

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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