Recombinant Human AGMAT Protein, GST-tagged

Cat. No. AGMAT-426H **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	Wheat Germ
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	MLRLLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPV GVCSMMRLPVQTSPEGLDAAFIGVPLDTGTSNRPGARFGPRRIREESVMLRTVNPS TGALPFQSLMVADLGDVNVNLYNLQDSCRRIQEAYEKIVAAGCIPLTLGGDHTITYPIL QAMAKKHGPVGLLHVDAHTDTTDKALGEKLYHGAPFRRCVDEGLLDCKRVVQIGIR GSSTTLDPYRYNRSQGFRVVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDALD PAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYDLSGNTALLAANLL FEMLCALPKVTTV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

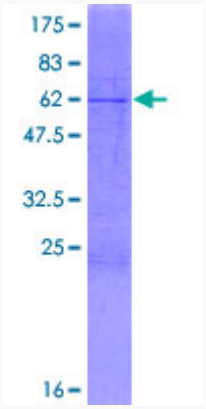
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. 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
UniProt ID	Q9BSE5

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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