

## Recombinant Human AGMAT Protein, GST-tagged

**Cat. No.** AGMAT-426H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human AGMAT full-length ORF ( AAH05090.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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.                                                                                                                                                   |
| <b>Molecular Mass</b>   | 64.2 kDa                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MLRLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPV<br>GVCSMMRLPVQTSPEGLDAAFIGVPLDTGTSTNRPGARFGPRRIREESVMLRTVNPS<br>TGALPFQSLMVADLGDVNVNLYNLQDSCRRIQEAYEKIVAAGCIPLTLGGDHTITYPIL<br>QAMAKKHGVPVGLLHVDAHTDTTDKALGEKLYHGAPFRRRCVDEGLLDCKRVVQIGIR<br>GSSTTLDPYRYNRSQGFRVLAEDCWMKSLVPLMGEVRQQMGGKPIYISFDIDALD<br>PAYAPGTGTPEIAGLTSPQALEIIRGCQGLNVMGCDLVEVSPPYDLSGNTALLAANLL<br>FEMLCALPKVTTV |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                         |

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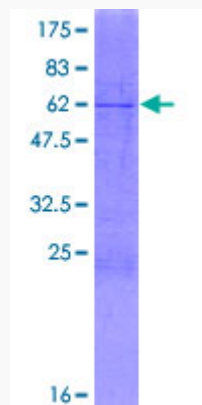
 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|---------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                |
| <b>Storage</b>          | Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.               |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.              |
| <b>GENE INFORMATION</b> |                                                                                       |
| <b>Gene Name</b>        | AGMAT agmatine ureohydrolase (agmatinase) [ Homo sapiens ]                            |
| <b>Official Symbol</b>  | AGMAT                                                                                 |
| <b>Synonyms</b>         | AGMAT; agmatine ureohydrolase (agmatinase); agmatinase, mitochondrial; FLJ23384; AUH; |
| <b>Gene ID</b>          | 79814                                                                                 |
| <b>mRNA Refseq</b>      | NM_024758                                                                             |
| <b>Protein Refseq</b>   | NP_079034                                                                             |
| <b>UniProt ID</b>       | Q9BSE5                                                                                |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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