

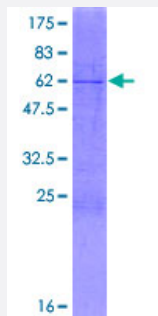
Full-Length

AGMAT (Human) Recombinant Protein (P01)

Catalog # H00079814-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AGMAT full-length ORF (AAH05090.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLRLLASGCARGPGPGVGARPAAGLFHPGRRQSRQASDAPRNQPPSPEFVARPVGVCSMMRL
PVQTSPEGLDAAFIGVPLDTGTSNRPGARFGPRRIRREESVMLRTVNPSTGALPFQSLMVADLGDV
NVNLYNLQDSCRRIQEAYEKIVAAGCIPLTLGGDHTITYILQAMAKKHGPVGLLHVD AHTD TTDKAL
GEKLYHGAPFRRCVDEGLLDCKRVVQIGIRGSSTLDPYRYNRSQGFRVVLAEDCWMKSLVPLM
GEVRQQMGGKPMSFDIDALDPAYAPGTGTPEIAGLTPSQALEIIRGCQGLNVMGCDLVEVSPPYD
LSGNTALLAANLLFEMLCALPKVTTV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.2

Interspecies Antigen Sequence

Mouse (82); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AGMAT

Entrez GeneID [79814](#)**GeneBank Accession#** [BC005090.1](#)**Protein Accession#** [AAH05090.1](#)**Gene Name** AGMAT**Gene Alias** FLJ23384**Gene Description** agmatine ureohydrolase (agmatinase)**Gene Ontology** [Hyperlink](#)**Other Designations** OTTHUMP00000002467|agmatinase

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

Disease

- [Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)