

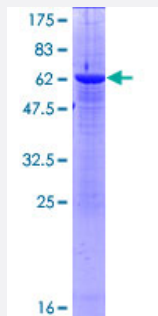
Full-Length

ASMT (Human) Recombinant Protein (P01)

Catalog # H00000438-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ASMT full-length ORF (AAH01620.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGSSSEDQAYRLNDYANGFMVSQVLFAACELGVFDLLAEAPGPLDVAAVAAGVRASAHGTELLL
DICVSLKLLKVETRGGKAFYRNTELSSDYLTTVSPTSQC SMLKYMGRTSYRCWGH LADAVREGRN
QYLETFGVPAEELFTAIYRSEGERLQFMQALQEVWSVNGRSVLTAFDLSVFPLMCDLGGDFFKD
PLPEADLYILARVLHDWADGKCSHLLERYHTCKPGGGILVIESLLDEDRGPLLTQLYSLNMLVQT
EGQERTPTHYHMLLSSAGFRDFQFKKTGAYDAILARK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.6

Interspecies Antigen Sequence

Rat (46)

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 — ASMT

Entrez GeneID[438](#)**GeneBank Accession#**[BC001620.1](#)**Protein Accession#**[AAH01620.1](#)**Gene Name**

ASMT

Gene Alias

ASMTY, HIOMT, HIOMTY

Gene Description

acetylserotonin O-methyltransferase

Omim ID[300015 402500](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

Acetylserotonin methyltransferase (Y chromosome)|OTTHUMP00000022834|acetylserotonin N-methyltransferase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Autistic Disorder](#)
- [Child Development Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)