

Recombinant Human ASMTL protein, GST-tagged

Cat. No. ASMTL-912H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASMTL full-length ORF (AAH02508.1, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene has an N-terminus that is similar to the multicopy associated filamentation (maf) protein of Bacillus subtilis and to orfE of Escherichia coli, while the C-terminus is similar to N-acetylserotonin O-methyltransferase. This gene is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Molecular Mass	95.2 kDa
AA Sequence	MVLCPVIGKLLHKRVVLASASPRRQEILSNAGLRFEVVPSKFKEKLDKASFATPYGYA METAKQKALEVANRLYQKDLRAPDVVIGADTIVTVGGLILEKPVDKQDAYRMLSRLS GREHSVFTGVAIVHCSSKDHQLDTRVSEFYEETKVKFSEELSELLWEYVHSGEPM KAGGYGIQALGGMLVESVHGDFLNVVGFPNLHFCKQLVKLYPPRPEDLRRSVKHD SIPAADTFEDLSDVEGGGSEPTQRDAGSRDEKAEAGEAGQATAEAECHRTRETLPP FPTRLLELIEGFMLSKGLLTACKLKVFDLLKDEAPQKAADIASKVDASACGMERLLDIC AAMGLLEKTEQGYSNTETANVYLASDGEYSLHGFIMHNNDLTWNLFITYLEFAIREGT NQHHRALGKKAEDLFQDAYYQSPETRLRFMRAMHGMTKLTACQVATAFNLSRFSS

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ACDVGGCTGALARELAREYPRMQVTVFDLPDIIELAAHFQPPGPQAVQIHFAAGDFF
RDPLPSAELYVLCRILHDWPDDKVHKLLSKVAESCKPGAGLLLVTLLDEEKRVAQR
ALMQSLNMLVQTEGKERSLGEYQCLLELHGFHQVQVHLLGGVLDAILATKVAP

Applications

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

Notes

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

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

ASMTL acetylserotonin O-methyltransferase-like [Homo sapiens]

Official Symbol

ASMTL

Synonyms

ASMTL; acetylserotonin O-methyltransferase-like; N-acetylserotonin O-methyltransferase-like protein; acetylserotonin N-methyltransferase-like; ASTML; ASMTLX; ASMTLY;

Gene ID

8623

mRNA Refseq

NM_001173473

Protein Refseq

NP_001166944

MIM

300162

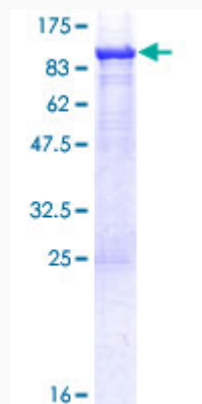
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UniProt ID

O95671



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