

Recombinant Full Length Human ASMTL Protein, GST-tagged

Cat. No. ASMTL-1068HF **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	In Vitro Cell Free System
ProteinLength	621 amino acids
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	MVLCPVIGKL LHKRVVLASA SPRRQEILSN AGLRFEVVPS KFKEKLDKAS FATPYGYAME TAKQKALEVA NRLYQKDLRA PDVVIGADTI VTVGGLILEK PVDKQDAYRM LSRLSGREHS VFTGVAIVHC SSKDHQLDTR VSEFYEETKV KFSELSEELL WEYVHSGEPM DKAGGYGIQA LGGMLVESVH GDFLNVVGFP LNHFCKQLVK LYYPPRPEDL RRSVKHDSIP AADTFEDLSD VEGGGSEPTQ RDAGSRDEKA EAGEAGQATA EAECHRTRET LPPFPTRLLE LIEGFMLSKG LLTACKLKVF DLLKDEAPQK AADIASKVDA SACGMERLLD ICAAMGLEK

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TEQGYSNTET ANVYLASDGE YSLHGFIMHN NDLTWNLFY LEFAIREGTN
 QHHRALGKKA EDLFQDAYYQ SPETRLRFMR AMHGMTKLTA CQVATAFNLS
 RFSSACDVGG CTGALARELA REYPRMQVTV FDLPDIIELA AHFQPPGPQA
 VQIHFAAGDF FRDPLPSAEL YVLCRILHDW PDDKVHKLLS KVAESCKPGA
 GLLLIVETLLD EEKRVAQRAL MQSLNMLVQT EGKERSLGEY QCLLELHGFH
 QVQVVHLGGV LDAILATKVA P

Applications

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

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

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