

Recombinant Human ASMTL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ASMTL-679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASMTL MS Standard C13 and N15-labeled recombinant protein (NP_004183) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	68.8 kDa
AA Sequence	MVLCVPVIGKLLHKRVVLASASPRRQEILSNAGLRFEVVPSKFKEKLDKASFATPYGYA METAKQKALEVANRLYQKDLRAPDVVIGADTIVTVGGLILEKPVDKQDAYRMLSRSL GREHSVFTGVAIVHCSSKDHQLDTRVSEFYEETKVKFSELSEELLWEYVHSGEPM KAGGYGIQALGGMLVESVHGDFLNVGFPNLHFCKQLVKLYPPRPEDLRRSVKHD SIPAADTFEDLSDEGGGSEPTQRDAGSRDEKAEAGEAGQATAEAECHRTRETLPP FPTRLLELIEGFMLSKGLLTACKLKVFDLLKDEAPQKAADIASKVDASACGMERLLDIC AAMGLLEKTEQGYSNTETANVYLASDGEYSLHGFIMHNNDLTNLFTYLEFAIREGT NQHHRALGKKAEDLFQDAYYQSPETRLRFMRAMHGMTKLTACQVATAFNLSRFSS

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ACDVGGCTGALARELAREYPRMQVTVFDLPDIIELAAHFQPPGPQAVQIHFAAGDFF
RDPLPSAELYVLCRILHDWPDDKVHKLLSKVAESCKPGAGLLLVTLLDEEKRVAQR
ALMQSLNMLVQTEGKERSLGEYQCLLELHGFHQVQVVLGGVLDAILATKVAPTRT
RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ASMTL acetylserotonin O-methyltransferase-like [Homo sapiens (human)]

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_004192

Protein Refseq NP_004183

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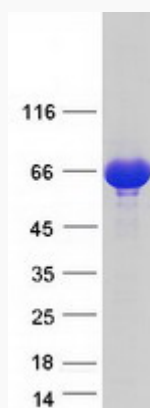
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MIM 300162

UniProt ID O95671

SDS-PAGE



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