

Recombinant Full Length Human ASMTL Protein, C-Flag-tagged

Cat. No. ASMTL-1362HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ASMTL Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.7 kDa
AA Sequence	MVLCPVIGKLLHKRVVLASASPRRQEILSNAGLRFEVVP SKFKEKLDKASFATPYGYA METAKQKALEVA NRLYQKDLRAPDVVIGADTIVTVGGLILEKPVDKQDAYRMLSRLS GREHSVFTGVAIVHCSSKDHQLDTR VSEFYEETKV KFSELSEELLWEYVHSGEPM KAGGYGIQALGGMLVESVHGDFLN VVGFP LNHFCKQLVK LYPPRPEDLRRSVKH DSIPAADTFEDLSDVEGGGSEPTQRDAGSRDEKAEAGEAGQATAEAECHRTRET L PPFPTRLLELIEGFMLSKGLLTACKLKVFDLLKDEAPQKAADIASKVDASACGMERLL DICAAMGLLEK TEQGYSENTETANVYL ASDGEYSLHGFIMHNNDLTWNLFYLEFAIR

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EGTNQHHRALGKKAEDLFQDAYYQ SPETRLRFMRAMHGMTKLTACQVATAFNLSR
 FSSACDVGGCTGALARELAREYPRMQVTVFDLPDIELA AHFQPPGPQAVQIHFAA
 GDFFRDPLPSAELYVLCRILHDWPDDKVHKLLSKVAESCKPGAGLLLIVETLLD
 EEK RVAQRALMQSLNMLVQTEGKERSLGEYQC LLELHGFHQVQV VHLGGVLDAILA
 TKVAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	ASMTL acetylserotonin O-methyltransferase like [Homo sapiens (human)]
Official Symbol	ASMTL
Synonyms	ASTML; ASMTLX; ASMTLY
Gene ID	8623
mRNA Refseq	NM_004192.4

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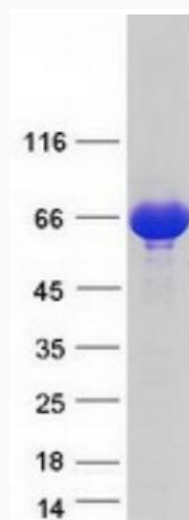
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Protein Refseq NP_004183.2

MIM 300162

UniProt ID O95671



Coomassie blue staining of purified ASMTL protein.

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