Recombinant Human ASMTL protein, GST-tagged

Cat. No. ASMTL-9936H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASMTL protein(274-621 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	274-621 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	CHRTRETLPPFPTRLLELIEGFMLSKGLLTACKLKVFDLLKDEAPQKAADIASKVDAS ACGMERLLDICAAMGLLEKTEQGYSNTETANVYLASDGEYSLHGFIMHNNDLTWNL FTYLEFAIREGTNQHHRALGKKAEDLFQDAYYQSPETRLRFMRAMHGMTKLTACQV ATAFNLSRFSSACDVGGCTGALARELAREYPRMQVTVFDLPDIIELAAHFQPPGPQA VQIHFAAGDFFRDPLPSAELYVLCRILHDWPDDKVHKLLSKVAESCKPGAGLLLVETL LDEEKRVAQRALMQSLNMLVQTEGKERSLGEYQCLLELHGFHQVQVVHLGGVLDAI LATKVAP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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
UniProt ID	O95671

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SDS-PAGE



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