

Recombinant Human ASMT protein, His&Myc-tagged

Cat. No. ASMT-2558H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASMT protein(P46597)(1-345aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-345aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.9 kDa
AA Sequence	MGSSSEDQAYRLLNDYANGFMVSQVLFAACELGVFDLLAEAPGPLDVAAVAAGVRAS AHGTELLLDICVSLKLLKVETRGGKAFYRNTELSSDYLTTSPTSQC SMLKYMGRTS YRCWGH LADAVREGRNQYLETFGVPAEELFTAIYRSEGERLQFMQALQEVWSVNG RSVLTAFDLSVFPLMCDLGGGAGALAKECMSLYPGCKITVFDIPEVVWTAKQHFSFQ EEEQIDFQEGDFFKDPLEADLYILARVLHDWADGKCSHLLERITYHTCKPGGGILVIE SLLDEDRRGPLLTQLYSLNMLVQTEGQERTPTHYHMLLSSAGFRDFQFKKTGAIYDA ILARK
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [ASMT acetylserotonin O-methyltransferase \[Homo sapiens \]](#)

Official Symbol [ASMT](#)

Synonyms ASMT; acetylserotonin O-methyltransferase; ASMTY; HIOMT; HIOMTY; hydroxyindole O-methyltransferase; acetylserotonin N-methyltransferase; acetylserotonin methyltransferase (Y chromosome);

Gene ID [438](#)

mRNA Refseq [NM_001171038](#)

Protein Refseq [NP_001164509](#)

MIM [300015](#)

UniProt ID [P46597](#)

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