

Recombinant Full Length Human ASMT Protein, GST-tagged

Cat. No. ASMT-1023HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASMT full-length ORF (AAH01620.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	298 amino acids
Description	This gene belongs to the methyltransferase superfamily, and is located in the pseudoautosomal region (PAR) at the end of the short arms of the X and Y chromosomes. The encoded enzyme catalyzes the final reaction in the synthesis of melatonin, and is abundant in the pineal gland. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Jan 2010]
Molecular Mass	59.6 kDa
AA Sequence	MGSSSEDQAYR LLNDYANGFM VSQVLFAACE LGVFDLLAEA PGPLDVAAVA AGVRASAHGT ELLLDICVSL KLLKVETRGG KAFYRNTELS SDYLTTVSPT SQCSMLKYMGR TSYRCWGH LADAVREGRNQ YLETFGVPAE ELFTAIYRSE GERLQFMQAL QEVWSVNGRS VLTAFDLSVF PLMCDLGGDF FKDPLPEADL YILARVLHDW ADGKCSHLL RIYHTCKPGG GILVIESLLD EDRRGPLLTQ LYSLNMLVQT EGQERTPTHY HMLLSSAGFR DFQFKKTGAI YDAILARK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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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 [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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