

## Recombinant Human ASMT lysate

Cat. No. ASMT-41HCL    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	36545.69Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	ASMT acetylserotonin O-methyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	ASMT
<b>Synonyms</b>	ASMT; acetylserotonin O-methyltransferase; ASMTY; HIOMT; HIOMTY; hydroxyindole O-methyltransferase; acetylserotonin N-methyltransferase; acetylserotonin methyltransferase (Y chromosome);
<b>Gene ID</b>	438

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<b>mRNA Refseq</b>	<a href="#">NM_001171038</a>
<b>Protein Refseq</b>	<a href="#">NP_001164509</a>
<b>MIM</b>	<a href="#">300015</a>
<b>UniProt ID</b>	<a href="#">P46597</a>
<b>Chromosome Location</b>	Xp22.3 and Yp11.3
<b>Pathway</b>	Amine-derived hormones, organism-specific biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Melatonin biosynthesis, tryptophan =>serotonin => melatonin, organism-specific biosystem; Melatonin biosynthesis, tryptophan => serotonin =>
<b>Function</b>	O-methyltransferase activity; acetylserotonin O-methyltransferase activity; transferase activity;

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