

Recombinant Human ASMT lysate

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

SPECIFICATION

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

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

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

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