OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR50613PU-S

ASMT (1-298, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ASMT (1-298, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSSEDQAYR LLNDYANGFM VSQVLFAACE LGVFDLLAEA PGPLDVAAVA AGVRASAHGT ELLLDICVSL KLLKVETRGG KAFYRNTELS SDYLTTVSPT SQCSMLKYMG RTSYRCWGHL ADAVREGRNQ YLETFGVPAE ELFTAIYRSE GERLQFMQAL QEVWSVNGRS VLTAFDLSVF PLMCDLGGDF FKDPLPEADL YILARVLHDW ADGKCSHLLE RIYHTCKPGG GILVIESLLD EDRRGPLLTQ LYSLNMLVQT EGQERTPTHY HMLLSSAGFR DFQFKKTGAI YDAILARK
Tag:	His-tag
Predicted MW:	35.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ASMT protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001164509
Locus ID:	438
UniProt ID:	P46597, A0A024RBT9
Cytogenetics:	X;Y
Synonyms:	ASMTY; HIOMT; HIOMTY

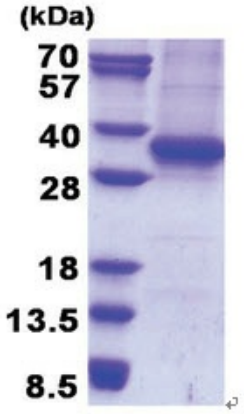
View online »

Summary: 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]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Tryptophan metabolism

Product images:



15% SDS-PAGE (3ug)