

## MAT1A 抗原（重组蛋白）

中文名称：MAT1A 抗原（重组蛋白）

英文名称：MAT1A Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 16-394 amino acids of human MAT1A

技术规格

<b>Full name:</b>	methionine adenosyltransferase I, alpha
<b>Synonyms:</b>	MAT, SAMS, MATA1, SAMS1
<b>Swissprot:</b>	Q00266
<b>Gene Accession:</b>	BC018359
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosyl methionine and triphosphosphate, which is subsequently cleaved to P <sub>PPi</sub> and P <sub>i</sub> . S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.