

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

Full name:	methionine adenosyltransferase I, alpha
Synonyms:	MAT, SAMS, MATA1, SAMS1
Swissprot:	Q00266
Gene Accession:	BC018359
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 PPI and Pi. 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.