

SHMT2 抗原（重组蛋白）

中文名称：SHMT2 抗原（重组蛋白）

英文名称：SHMT2 Antigen (Recombinant Protein)

别名：serine hydroxymethyltransferase 2; GLYA; SHMT; HEL-S-51e

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 305-504 amino acids of human SHMT2

技术规格

Full name:	serine hydroxymethyltransferase 2
Synonyms:	GLYA; SHMT; HEL-S-51e
Swissprot:	P34897
Gene Accession:	BC011911
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 encodes the mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes the reversible reaction of serine and tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate. The encoded product is primarily responsible for glycine synthesis. The activity of the encoded protein has been suggested to be the primary source of intracellular glycine. The gene which encodes the cytosolic form of this enzyme is located on chromosome 17. Alternative splicing results in multiple transcript variants.