

Homocysteine Methyltransferase, Recombinant

Cat. No. NATE-1149

Lot. No. (See product label)

Introduction

Description

Homocysteine (Hcy) is a thiol-containing amino acid formed from methionine during S-adenosylmethionine-dependent transmethylation reactions. It has been demonstrated that even mild or moderately elevated levels of Hcy also increase the risk of atherosclerosis of the coronary, cerebral and peripheral arteries and cardiovascular disease. And currently the hcy level is regarded as the biomarker for cardiovascular disease diagnosis all over the world.

Synonyms

homocysteine S-methyltransferase; S-adenosylmethionine homocysteine transmethylase; S-methylmethionine homocysteine transmethylase; adenosylmethionine transmethylase; methylmethionine:homocysteine methyltransferase; adenosylmethionine:homocysteine methyltransferase; homocysteine methylase; homocysteine methyltransferase; homocysteine transmethylase; L-homocysteine S-methyltransferase; S-adenosyl-L-methionine:L-homocysteine methyltransferase; S-adenosylmethionine-homocysteine transmethylase; S-adenosylmethionine:homocysteine methyltransferase; EC 2.1.1.10

Product Information

Appearance

White powder, lyophilized

EC Number

EC 2.1.1.10

CAS No.

9012-40-2

Molecular Weight

About 51kDa (SDS-PAGE detection)

Purity

>90% (SDS-PAGE test)

Isoelectric point

5.01

pH Stability

6.5-8.5

Buffer

Tris buffer, pH8.0

Storage and Shipping Information

Storage

Redissolved in 30% glycerol, 4°C, store at -20°C for long-term preservation, Avoid multiple freeze-thaw cycles.