

## BHMT2 抗原（重组蛋白）

中文名称： BHMT2 抗原（重组蛋白）

英文名称： BHMT2 Antigen (Recombinant Protein)

别名： betaine--homocysteine S-methyltransferase 2

相关类别： 抗原

储存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to a region derived from 164-363 amino acids of human BHMT2

### 技术规格

<b>Full name:</b>	betaine--homocysteine S-methyltransferase 2
<b>Swissprot:</b>	Q9H2M3
<b>Gene Accession:</b>	BC020665
<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>	Homocysteine is a sulfur-containing amino acid that plays a crucial role in methylation reactions. Transfer of the methyl group from betaine to homocysteine creates methionine, which donates the methyl group to methylate DNA, proteins, lipids, and other intracellular metabolites. The protein encoded by this gene is one of two methyl transferases that can catalyze the transfer of the methyl group from betaine to homocysteine. Anomalies in homocysteine metabolism have been implicated

in disorders ranging from vascular disease to neural tube birth defects such as spina bifida. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.