

## SETMAR 抗原（重组蛋白）

中文名称：SETMAR 抗原（重组蛋白）

英文名称：SETMAR Antigen (Recombinant Protein)

别名：Mar1; METNASE

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 14-213 amino acids of human SETMAR

技术规格：

<b>Full name:</b>	SET domain and mariner transposase fusion gene
<b>Synonyms:</b>	Mar1; METNASE
<b>Swissprot:</b>	Q53H47
<b>Gene Accession:</b>	BC011635
<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 encodes a fusion protein that contains an N-terminal histone-lysine N-methyltransferase domain and a C-terminal mariner transposase domain. The encoded protein binds DNA and functions in DNA repair activities including non-homologous end joining and double strand break repair. The SET domain portion of this protein specifically methylates histone H3 lysines 4 and 36. This gene exists as a fusion gene only in anthropoid primates, other organisms lack mariner transposase domain. Alternate splicing results in multiple transcript variants.