

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：

Full name:	SET domain and mariner transposase fusion gene
Synonyms:	Mar1; METNASE
Swissprot:	Q53H47
Gene Accession:	BC011635
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 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.