

KDM3B 抗原（重组蛋白）

中文名称： KDM3B 抗原（重组蛋白）

英文名称： KDM3B Antigen (Recombinant Protein)

别名： lysine (K)-specific demethylase 3B; 5qNCA; NET22; C5orf7; JMJD1B

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human KDM3B

技术规格

Full name:	lysine (K)-specific demethylase 3B
Synonyms:	5qNCA; NET22; C5orf7; JMJD1B
Swissprot:	Q7LBC6
Gene Accession:	BC001202
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	JMJD1B (jumonji domain containing 1B), also known as KDM3B, 5qNCA (5q Nuclear Co-Activator) or C5orf7, is a member of the JHDM2 histone demethylase family of proteins. Expressed in a wide variety of tissues, JMJD1B localizes to the nucleus and contains one JMJC domain and a C-terminal zinc finger motif. JMJD1B functions as a histone demethylase and, using iron as a cofactor, demethylates lysine-9 of Histone H3. This suggests that JMJD1B plays a central role in the histone code. The gene encoding human JMJD1B is located within the 5q region of the genome that is often deleted in myeloid leukemias and myelodysplasias. This implies that JMJD1B may function as a

tumor suppressor of myeloid leukemia. Etopic expression of JMJD1B exhibits growth suppressive activities, further supporting a role for JMJD1B in tumor suppression.