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 th e 5q region of the genome that is often deleted in myeloid leukemi as and myelodysplasias. This implies that JMJD1B may function as a tumor suppressor of myeloid leukemia. Eptopic expression of JMJD1B exhibits growth suppressive activities, further supporting a role for J MJD1B in tumor suppression.