

# Recombinant Human KDM3B

Catalog No: #GP11682



Package Size: #GP11682-1 100ug

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## Description

Product Name	Recombinant Human KDM3B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human lysine (K)-specific demethylase 3B
Target Name	lysine (K)-specific demethylase 3B
Other Names	5qNCA; NET22; C5orf7; JMJD1B
Accession No.	Swissprot:Q7LBC6Gene Accession:BC001202
Uniprot	Q7LBC6
GeneID	51780;
Storage	-20~-80°C, pH 7.6 PBS

## 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. Ectopic expression of JMJD1B exhibits growth suppressive activities, further supporting a role for JMJD1B in tumor suppression.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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