Active Recombinant Human KDM6B, Flag-tagged

Cat. No. KDM6B-562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM6B(a.a: 1043–end) fussed with Flag tag at C-terminal was expressed in Sf9 insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1043-end a.a.
Description	Human KDM6B also known as lysine (K)-specific demethylase 6B, plays a very improtant role in many path ways.
Form	45 mM Tris-HCl, pH 8.0, 124 mM NaCl, 2.4 mM KCl, 90 g/ml FLAG peptide, 10% glycerol, and 3 mM DTT.
Bio-activity	0.022 pmole/min/μg
Molecular Mass	MW=71 kDa
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Stability	>6 months at –80 centigrade.
Warning	Avoid freeze/thaw cycles.

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GENE INFORMATION

Gene Name	KDM6B lysine (K)-specific demethylase 6B [Homo sapiens]
Official Symbol	KDM6B
Synonyms	JMJD3; lysine-specific demethylase 6B; jmjC domain-containing protein 3; jumonji domain containing 3, histone lysine demethylase; jumonji domain-containing protein 3; lysine demethylase 6B
Gene ID	23135
mRNA Refseq	NM_001080424
Protein Refseq	NP_001073893
MIM	611577
UniProt ID	O15054
Chromosome Location	17p13.1
Pathway	Cellular Senescence, organism-specific biosystem; Chromatin modifying enzymes, organism-specific biosystem; HDMs demethylate histones, organism-specific biosystem
Function	beta-catenin binding; histone demethylase activity (H3-K27 specific); metal ion binding

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