

# Recombinant Human KDM3B, His-tagged

**Cat. No.** KDM3B-302H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KDM3B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1127-1382aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KDM3B lysine (K)-specific demethylase 3B [ Homo sapiens ]                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | KDM3B                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | KDM3B; lysine (K)-specific demethylase 3B; C5orf7, chromosome 5 open reading frame 7 , JMJD1B, jumonji domain containing 1B; lysine-specific demethylase 3B; KIAA1082; NET22; nuclear protein 5qNCA; jumonji domain containing 1B; jumonji domain-containing protein 1B; jmjC domain-containing histone demethylation protein |

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|                            |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | 2B; 5qNCA; C5orf7; JMJD1B;                                                                                                                                                 |
| <b>Gene ID</b>             | 51780                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | NM_016604                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_057688                                                                                                                                                                  |
| <b>MIM</b>                 | 609373                                                                                                                                                                     |
| <b>UniProt ID</b>          | Q7LBC6                                                                                                                                                                     |
| <b>Chromosome Location</b> | 5q31                                                                                                                                                                       |
| <b>Function</b>            | metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; |