

## Recombinant Human KDM2A protein, GST-tagged

**Cat. No.** KDM2A-300H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KDM2A protein(374-558 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 374-558 aa                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | DEEAVDREPRRLSSRRSVLTSPVANGVNLDYDGLGKTCRSLPSLKKTLAGDSSSDC<br>SRGSHNGQVWDPQCAPRKDRQVHLTHFELEGLRCLVDKLESPLHKKCVPTGIEDE<br>DALIADVKILLEELANSDPKLALTGVPIVQWPKRDKLKFPTRPKVRVPTIPITKPHTMK<br>PAPRLTPVRPAAAS                                           |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

### GENE INFORMATION

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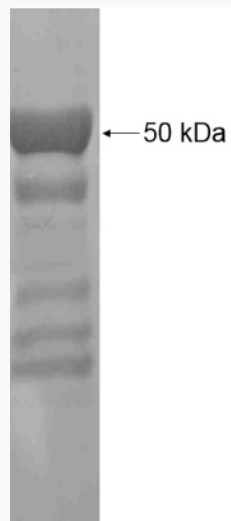
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>KDM2A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | KDM2A; lysine (K)-specific demethylase 2A; F box and leucine rich repeat protein 11 , FBXL11; lysine-specific demethylase 2A; CXXC8; DKFZP434M1735; F box protein FBL11; FBL7; FBL11; FLJ00115; JHDM1A; jumonji C domain containing histone demethylase 1A; KIAA1004; LILINA; F-box/LRR-repeat protein 11; CXXC-type zinc finger protein 8; [Histone-H3]-lysine-36 demethylase 1A; F-box and leucine-rich repeat protein 11; jumonji C domain-containing histone demethylase 1A; jmjC domain-containing histone demethylation protein 1A; FBXL11; FLJ46431; DKFZp434M1735; |
| <b>Gene ID</b>         | <b>22992</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | <b>NM_001256405</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | <b>NP_001243334</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>             | <b>605657</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | <b>Q9Y2K7</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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**SDS-PAGE**

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