



Recombinant Human KDM5A Protein Product Manual

1. Product Basic Information

Product No.: REP07279

Protein Name: Rbbp-Lysine Demethylase 5A (KDM5A)

Aliases: RBP2; RBBP2; NEDEHC; RBBP-lysine demethylase 5A; histone demethylase JARID1A; lysine-specific demethylase 5A; jumonji/ARID domain-containing protein 1A; [histone H3]-trimethyl-L-lysine(4) demethylase ...

UniProt ID: P29375

UniProt Link: <https://www.uniprot.org/uniprotkb/P29375/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (437-603aa)

Molecular Weight: 35.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (437-603aa)

EYALSGWNLNNMPVLEQSVLAHINVDISGMKVPWLYVGMCFSSFCWHIEDHWSYS
INYLHWGEPKTYWYGVPSHAAEQLEEVMRELAPELFESQPDLLHQLVTIMNPNVLME
HGVPVYRTNQCAGEFVTFPRAYHSGFNQGYNFAEAVNFCTADWLPIGRQCVNHY
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3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human KDM5A full length of mature protein protein (437-603aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. KDM5A, also known as RBP2 or RBBP2 or NEDEHC, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.