



Recombinant Human KDM3B Protein Product Manual

1. Product Basic Information

Product No.: REP07278

Protein Name: Lysine Demethylase 3B (KDM3B)

Aliases: 5qNCA; DIJOS; NET22; C5orf7; JMJD1B; lysine demethylase 3B; nuclear protein 5qNCA; jumonji domain containing 1B; lysine-specific demethylase 3B; lysine (K)-specific demethylase 3B; jumonji domain-cont...

UniProt ID: Q7LBC6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q7LBC6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1498-1721aa)

Molecular Weight: 45.6kDa

Protein Tag: N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1498-1721aa)

MPTRFEDLMENLPLPEYTKRDGRLNLASRLPSYFVRPDLGPKMYNAYGLITAEDRR
VGTTNLHLDVSDAVNVMVYVGPIGEGAHDEEV LKTIDEGDADEVTKQRIHDGKEKP
GALWHIYAAKDAEKIRELLRKVGEEQGQENPPDHDPIHDQSWYLDQTLRKRLYEY
GVQGWAIVQFLGDAVFIPAGAPHQVHNLYSCIKVAEDFVSPEHVKHCFRLTQEFR

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



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 KDM3B partial protein (1498-1721aa) expressed in E.coli. The protein is dual-tagged with 10xHis-SUMO tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. KDM3B, also known as 5qNCA or DIJOS or NET22, 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.