



Recombinant Human HDAC6

Protein Product Manual

1. Product Basic Information

Product No.: REP07096

Protein Name: Histone Deacetylase Protein Deacetylase Hdac6 (HDAC6)

Aliases: HD6; JM21; CPBHM; KDAC6; PPP1R90; histone deacetylase protein deacetylase HDAC6; alpha-tubulin deacetylase HDAC6; tubulin-lysine deacetylase HDAC6; E3 ubiquitin-protein ligase HDAC6; protein phosphata...

UniProt ID: Q9UBN7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UBN7/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-488aa)

Molecular Weight: 70.1 kDa

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

2. Amino Acid Sequence (1-488aa)

MTSTGQDSTTTTRQRRSRQNPQSPQDSSVTSKRNIKKGAVPR SIPNLA EVKKKGK
MKKL GQAMEEDLIVGLQGMDLNLEAEALAGTGLVLDEQLNEFHCLWDDSFPEGPE
RLHAIKEQLIQEGLLDRCVSFQARFAEKEELMLVHSLEYIDLMETTQYMNEGELRVL
ADTYDSVYLHPNSYSCACLASGSVLRLVDAVLGAEIRNGMAIRPPGHHAQHSLMD
GYCMFNHVAVAARYAQQKHRI RVLVDWDVHHGQGTQFTFDQDPSVLYFSIHRY
EQGRFWPHLKASNWSTTGFGGQGGYTINVPWNQVGM RDADYIAAFLHVLLPVALE
FQPQLVLVAAGFDALQGDPKGEMAATPAGFAQLTHLLMGLAGGKLILSLEGGYNLR
ALAEGVSASLHTLLGDPCPMLESPGAPCRSAQASVSCALEALEPFWEVLVRSTETV
ERDNMEEDNVEESEE EGPWEPPVLPILTWPVLQSRTGLVYDQN

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 HDAC6 partial protein (1-488aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. HDAC6, also known as HD6 or JM21 or CPBHM, 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.