



Recombinant Human HDAC10 Protein Product Manual

1. Product Basic Information

Product No.: REP07091

Protein Name: Histone Deacetylase 10 (HDAC10)

Aliases: histone deacetylase 10

UniProt ID: Q969S8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q969S8/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-669aa)

Molecular Weight: 75.5 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-669aa)

MGTALVYHEDMTATRLLWDDPECEIERPERLTAALDRLRQRGLEQRCLRLSAREAS
EEELGLVHSPEYVSLVRETQVLGKEELQALSGQFDAIYFHPSTFHCARLAAGAGLQL
VDAVLTGAVQNGALVRPPGHHGQRAAANGFCVFNNVAIAAAHAKQKHGLHRILVV
DWDVHHGQGQIQYLFEDDPSVLYFSWHRYEHGRFWPFLRESADAVGRGQGLGFT
VNLAWNQVGMGNADYVAAFLHLLPLAFEFDPPELVLSAGFDSAIGDPEGQMQATP
ECFAHLTQLLQVLGGRVCAVLEGGYHLESVAESVCMTVQTLLGDPAPPLSGPMAP
CQSALESIQSARAAQAPHWKSLLQQQDVTAVPMSPSSHSPGRPPPLPGGPVCKA
AASAPSSLLDQPCPCPAPSVRTAVALTTPDITLVLPDVIQQEASALREETEAWARP
HESLAREEALTALGKLLYLLDGMLDGQVNSGIAATPASAAAATLDVAVRRGLSHGA
QRLLCVALGQLDRPPDLAHDGRSLWLNIRGKEAAALSMFHVSTPLPVMGTGGFLSCI
LGLVLPLAYGFQPDVLVALGPGHGLQGPHAALLAAMLRGLAGGRVLALLEENSTP
QLAGILARVLNGEAPPSLGPSSVASPEDVQALMYLRGQLEPQWKMLQCHPHLVA

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).

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 HDAC10 full length protein (1-669aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. HDAC10, also known as histone deacetylase 10, 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.