



Recombinant Human HNF4A Protein Product Manual

1. Product Basic Information

Product No.: REP07128

Protein Name: Transcription Factor 14 (HNF4A)

Aliases: TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; TCF-14; HNF4alpha; HNF4alpha10/11/12; transcription factor 14; hepatocyte nuclear factor 4 alpha; hepatocyte nuclear factor...

UniProt ID: P41235

UniProt Link: <https://www.uniprot.org/uniprotkb/P41235/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (147-377aa)

Molecular Weight: 31.1 kDa

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

2. Amino Acid Sequence (147-377aa)

SSLPSINALLQAEVLSRQITSPVSGINGDIRAKKIASIADVCEMKEQLLVLEWAKYI
PAFCELPDDQVALLRAHAGEHLLLGATKRSMVFKDVLLLGNDYIVPRHCPELAEMS
RVSIRILDELVLFPQELQIDDNEYAYLKAIIFFDPDAKGLSDPGKIKRLRSQVQVSLED
YINDRQYDSRGRFGELLLLLPTLQSITWQMIEQIQFIKLFMAKIDNLLQEMLLGG

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

5. Product Description

This product is a recombinant Human HNF4A partial protein (147-377aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. HNF4A, also known as TCF or HNF4 or MODY, 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.