



Recombinant Human EGLN3 Protein Product Manual

1. Product Basic Information

Product No.: REP06755

Protein Name: Hif-Prolyl Hydroxylase Prolyl Hydroxylase EglN3 (EGLN3)

Aliases: PHD3; HPH-HPH-HIFPH3; HIF-PH3; HIFP4H3; HIF-prolyl hydroxylase prolyl hydroxylase EGLN3

UniProt ID: Q9H6Z9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H6Z9/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-239aa)

Molecular Weight: 34.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-239aa)

MPLGHIMRLDLEKIALEYIVPCLHEVGFCYLDNFLGEVVGDCVLERVKQLHCTGALR
DGQLAGPRAGVSKRHLRGDQITWIGGNEEGCEAISFLLSLIDRLVLYCGSRLGKYYV
KERSKAMVACYPGNGTGYVRHVDNPNNGDGRCITCIYYLNKNWDAKLHGGILRIFPE
GKSFIADVEPIFDRLLFFWSDRRNPHEVQPSYATRYAMTVWYFDAEERAEAKKKFR
NLTRKTESALTED

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 EGLN3 full length protein (1-239aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. EGLN3, also known as PHD3 or HPH-HPH-HIFPH3 or HIF-PH3, 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.