



Recombinant Human NOTUM Protein Product Manual

1. Product Basic Information

Product No.: REP07617

Protein Name: Protein Notum Homolog (NOTUM)

Aliases: protein notum homolog; notum pectinacetyltransferase homolog; palmitoleoyl-protein carboxylesterase NOTUM; notum, palmitoleoyl-protein carboxylesterase; [Wnt protein] O-palmitoleoyl-L-serine hydrolase

UniProt ID: Q6P988

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6P988/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (20-496aa)

Molecular Weight: 57.8 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (20-496aa)

SEGRKTWRRRGQQPPPPRTEAAPAAGQPVESFPLDFTAVEGNMDSFMAQVKSL
AQSLYPCSAQQLNEDLRLHLLNNTSVTCNDGSPAGYYLKESRGSRRWLLFLEGGW
YCFNRENCDSRYDTMRRLMSSRDWPRTTRTGILSSQPEENPYWWNANMVFIPY
CSSDVWSGASSKSEKNEYAFMGALIIQEVVRELLGRGLSGAKVLLLAGSSAGGTGV
LLNVDRVAEQLEKLGYPAIQVRGLADSGWFLDNKQYRHTDCVDTITCAPTEAIRGI
RYWNGVVPERCRRQFQEGEEWNCFFGYKVYPTLRCPVFVQWLFDEAQLTVDNV
HLTGGPVQEGRLRLYIQNLGRELRLTKDVPASFAPACLSHEIIIRSHWTDVQVKGTS
LPRALHCWDRSLHDSHKASKTPLKGCPVHLVDSCPWPHCNPSCPTVRDQFTGQE
MNVAQFLMHMGFDMQTVAPQGLEPSELLGMLSNGS

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

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 NOTUM full length of mature protein protein (20-496aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NOTUM, also known as protein notum homolog or notum pectinacetyltransferase homolog or palmitoleoyl-protein carboxylesterase NOTUM, 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.