



Recombinant Human NOTCH1 Protein Product Manual

1. Product Basic Information

Product No.: REP07616

Protein Name: Translocation-Associated Notch Protein Tan-1 (NOTCH1)

Aliases: hN1; AOS5; TAN1; AOVD1; translocation-associated notch protein TAN-1

UniProt ID: P46531

UniProt Link: <https://www.uniprot.org/uniprotkb/P46531/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (19-526aa)

Molecular Weight: 56.3 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (19-526aa)

ARGPRCSQPGETCLNGGKCEAANGTEACVCGGAFVGPRCQDPNPCLSTPCKNAG
TCHVVDRRGVADYACSCALGFSGPLCLTPLDNACLTNPCRNGGTCDLLTLTEYKCR
CPPGWSGKSCQQADPCASNPCANGGQCLPFEASYICHCPPSFHGPTCRQDVNEC
GQKPGLCRHGGTCHNEVGSYRCVCRATHTGPNCERPYPVPCSPSPCQNGGTCTRP
TGDVTHEACALPGFTGQNCEENIDDCPGNNCKNGGACVDGVTYNCRCPPPEWTG
QYCTEDVDECQLMPNACQNGGTCHNTHGGYNCVCVNGWTGEDCSENIDDCASA
ACFHGATCHDRVASFYCECPHGRTGLLCHLNDACISNPCNEGSNCDTNPVNGKAI
CTCPSGYTGPAQSQDVDECSLGNPCEHAGKCINTLGSFECQCLQGYTGPRCEID
VNECVSNPCQNDATCLDQIGEFQCICMPGYEGVHCEVNTDECASSPCLHNGRCLD
KINEFQCECPTGFTGHLCQ

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 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 NOTCH1 partial protein (19-526aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NOTCH1, also known as hN1 or AOS5 or TAN1, 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.