



Recombinant Human ASNA1 Protein Product Manual

1. Product Basic Information

Product No.: REP06187

Protein Name: Guided Entry Of Tail-Anchored Proteins Factor 3, Atpase (ASNA1)

Aliases: guided entry of tail-anchored proteins factor 3, ATPase

UniProt ID: O43681

UniProt Link: <https://www.uniprot.org/uniprotkb/O43681/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-348aa)

Molecular Weight: 54.7kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (2-348aa)

AAGVAGWGV EAEFE DAPDVEPLEPTLSNII EQRS LKWIFVGGKGGV GKTTCSCSL
AVQLSKG RESVLIISTDPAHNISDAFDQKFSKVPTKV KGYDNL FAMEIDPSLGVAELP
DEFF EEDNMLSMGKKMMQEAMSAFPGIDEAMSYAEVMRLVKGMNFSVVVFD TAP
TGHTLRLLNFPTIVERGLGR LMQIKNQISPFI SQMCNMLGLGDMNADQLASKLEETL
PVIRSVSEQFKDPEQTTFICVCIAEFLSLYETERLIQELAKCKIDTHNII VNQLVFPDPE
KPCKMCEARHKIQAKYLDQMEDLYEDFHIVKLPLL PHEVRGADKVNTFSALLLEPYK
PPSAQ

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



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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 ASNA1 full length of mature protein protein (2-348aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. ASNA1, also known as guided entry of tail-anchored proteins factor 3, ATPase, 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.