Recombinant Human ZSCAN21 Protein Product Manual

1. Product Basic Information

Product No.: REP08705

Protein Name: Zinc Finger Protein 38 Homolog (ZSCAN21)

Aliases: ZNF38; Zipro1; zfp-38; NY-REN-21; zinc finger protein 38 homolog; zinc finger protein 38 (KOX 25); renal carcinoma antigen NY-REN-21; zinc finger protein NY-REN-21 antigen; zinc finger and SCAN domain...

UniProt ID: Q9Y5A6

UniProt Link: https://www.uniprot.org/uniprotkb/Q9Y5A6/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-461aa)

Molecular Weight: 56.4kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-461aa)

MMTKVLGMAPVLGPRPPQEQVGPLMVKVEEKEEKGKYLPSLEMFRQRFRQFGYH
DTPGPREALSQLRVLCCEWLRPEIHTKEQILELLVLEQFLTILPQELQAWVQEHCPE
SAEEAVTLLEDLERELDEPGHQVSTPPNEQKPVWEKISSSGTAKESPSSMQPQPLE
TSHKYESWGPLYIQESGEEQEFAQDPRKVRDCRLSTQHEESADEQKGSEAEGLKG
DIISVIIANKPEASLERQCVNLENEKGTKPPLQEAGSKKGRESVPTKPTPGERRYICA
ECGKAFSNSSNLTKHRRTHTGEKPYVCTKCGKAFSHSSNLTLHYRTHLVDRPYDC
KCGKAFGQSSDLLKHQRMHTEEAPYQCKDCGKAFSGKGSLIRHYRIHTGEKPYQC
NECGKSFSQHAGLSSHQRLHTGEKPYKCKECGKAFNHSSNFNKHHRIHTGEKPYW
CHHCGKTFCSKSNLSK

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 ZSCAN21 partial protein (1-461aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ZSCAN21, also known as ZNF38 or Zipro1 or zfp-38, 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.