Recombinant Human SLC19A2 Protein Product Manual

1. Product Basic Information

Product No.: REP08246

Protein Name: Reduced Folate Carrier Protein (Rfc) Like (SLC19A2)

Aliases: TC1; THT1; TRMA; THMD1; THTR1; reduced folate carrier protein (RFC) like; thiamine-responsive megaloblastic anaemia

UniProt ID: O60779

UniProt Link: https://www.uniprot.org/uniprotkb/O60779/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (215-293aa)

Molecular Weight: 16.5 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (215-293aa)

LFFHHIPSTCQRVNGIKVQNGGIVTDTPASNHLPGWEDIESKIPLNMEEPPVEEPEP KPDRLLVLKVLWNDFLMCYSSR

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 SLC19A2 partial protein (215-293aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. SLC19A2, also known as TC1 or THT1 or TRMA, 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.