Recombinant Human TNFRSF21 Protein Product Manual

1. Product Basic Information

Product No.: REP08501

Protein Name: TNFRSF21

Aliases: DR6; CD358; BM-018

UniProt ID: O75509

UniProt Link: https://www.uniprot.org/uniprotkb/O75509/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Cytoplasmic Domain (371-655aa)

Molecular Weight: 48.0kDa

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

2. Amino Acid Sequence (371-655aa)

RKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHGIDILKLVAAQVG
SQWKDIYQFLCNASEREVAAFSNGYTADHERAYAALQHWTIRGPEASLAQLISALR
QHRRNDVVEKIRGLMEDTTQLETDKLALPMSPSPLSPSPIPSPNAKLENSALLTVEP
SPQDKNKGFFVDESEPLLRCDSTSSGSSALSRNGSFITKEKKDTVLRQVRLDPCDL
QPIFDDMLHFLNPEELRVIEEIPQAEDKLDRLFEIIGVKSQEASQTLLDSVYSHLPDLL

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 TNFRSF21 cytoplasmic domain protein (371-655aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. TNFRSF21, also known as DR6 or CD358 or BM-018, 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.