Recombinant Human SIGIRR Protein Product Manual

1. Product Basic Information

Product No.: REP08229

Protein Name: Single Ig Il-1R-Related Molecule (SIGIRR)

Aliases: TIR8; IL-1R8; single Ig IL-1R-related molecule; single Ig and TIR domain containing; single immunoglobulin domain IL1R1 related

UniProt ID: Q6IA17

UniProt Link: https://www.uniprot.org/uniprotkb/Q6IA17/entry

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (1-118aa)

Molecular Weight: 14.8 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-118aa)

MPGVCDRAPDFLSPSEDQVLRPALGSSVALNCTAWVVSGPHCSLPSVQWLKDGL PLGIGGHYSLHEYSWVKANLSEVLVSSVLGVNVTSTEVYGAFTCSIQNISFSSFTLQ RAGPTSH

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 SIGIRR partial protein (1-118aa) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SIGIRR, also known as TIR8 or IL-1R8 or single Ig IL-1R-related molecule, 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.