Recombinant Pig SIGLEC1 Protein Product Manual

1. Product Basic Information

Product No.: REP08230

Protein Name: SIGLEC1

Aliases: SN; CD169; SIGLEC-sialoadhesin

UniProt ID: Q9BZZ2

UniProt Link: https://www.uniprot.org/uniprotkb/Q9BZZ2/entry

Species Source: Sus scrofa (Pig)

Expression System: E.coli

Protein Length: Partial (20-153aa)

Molecular Weight: 22.3 kDa

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

2. Amino Acid Sequence (20-153aa)

SWTVSRPETVQGIKGSCLIIPCTFGFPANVEVPHGITAIWYYDYSGKRLVVSHSRNP
KVVENHFQGRALLLGQAEQRTCSLLLKDLQPQDSGSYNFRFEISEGNRWSDVKGT
VVTVTEVPSVPTIALPAKLHEG

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 Pig SIGLEC1 partial protein (20-153aa) 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. SIGLEC1, also known as SN or CD169 or SIGLEC-sialoadhesin, 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.