

Recombinant Human SIGLEC10 Protein Product Manual

1. Product Basic Information

Product No.: REP08231

Protein Name: Sialic Acid-Binding Ig-Like Lectin 10 (SIGLEC10)

Aliases: SLG2; PRO940; SIGLEC-10; sialic acid-binding Ig-like lectin 10

UniProt ID: Q96LC7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q96LC7/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (17-546aa)

Molecular Weight: 59.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (17-546aa)

MDGRFWIRVQESVMVPEGLCISVPCSFYPRQDWTGSTPAYGYWFKAVTETTKGA
PVATNHQSREVEVMSTRGRFQLTGDPKAGNCSLVIRDAQMQDESQYFFRVERGSY
VRYNFMNDGFFLKVTALTQKPDVYIPETLEPGQPVTVICVFNWAFEECPSPFSWT
GAALSSQGKPTTSHFSVLSFTPRPQDHNTDLTCHVDFSRKGVSAQRTVRLRVAYA
PRDLVISISRDNTPALEPQPQGNVPYLEAQKGGFLRLLCAADSQPPATLSWVLQNR
VLSSSHPWGPRPLGLELPGVKAGDSGRYTCRAENRLGSQQRALDLSVQYPPENLR
VMVSQANRTVLENLGNGLSLPVLEGQSLCLVCVTHSSPPARLSWTQRGQVLSVPSQ
PSDPGVLELPRVQVEHEGEFTCHARHPLGSQHVLSLSLVHYSKLLGPSCSWEAE
GLHCSCSSQASPAPSLRWWLGEELLEGNSSQDSFEVTPSSAGPWANSSLSLHGG
LSSGLRLRCEAWNVHGAQSGSILQLPDKKGLIST

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 SIGLEC10 partial protein (17-546aa) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SIGLEC10, also known as SLG2 or PRO940 or SIGLEC-10, 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.