



Recombinant Dog MS4A1 Protein Product Manual

1. Product Basic Information

Product No.: REP07510

Protein Name: Cd20 Antigen (MS4A1)

Aliases: B1; S7; Bp35; CD20; FMC7; CVID5; LEU-16; CD20 antigen; CD20 receptor; B-lymphocyte antigen CD20; membrane spanning 4-domains A1; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1

UniProt ID: P11836

UniProt Link: <https://www.uniprot.org/uniprotkb/P11836/entry>

Species Source: Canis lupus familiaris (Dog) (Canis familiaris)

Expression System: E.coli

Protein Length: Partial (210-297aa)

Molecular Weight: 17.4 kDa

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

2. Amino Acid Sequence (210-297aa)

GIVENEWKKLCSKPKSDVVLLAAEEKKEQPIETTEEMVELTEIASQPKKEEDIEIIPV
QEEEGELEINFAEPPQEQUESSPIENDSIP

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 Dog MS4A1 partial protein (210-297aa) 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. MS4A1, also known as B1 or S7 or Bp35, 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.