



Recombinant Dog CAV1 Protein Product Manual

1. Product Basic Information

Product No.: REP06336

Protein Name: Caveolin 1, Caveolae Protein, 22Kda (CAV1)

Aliases: CGL3; PPH3; BSCL3; LCCNS; VIP21; MSTP085; caveolin 1, caveolae protein, 22kDa

UniProt ID: Q03135

UniProt Link: <https://www.uniprot.org/uniprotkb/Q03135/entry>

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

Expression System: Yeast

Protein Length: Full Length (1-178a)

Molecular Weight: 22.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-178a)

MSGGKYVDSEGHLYTVPIREQGNIYKPNNKAMAEEMSEKQVYDAHTKEIDLVNRPD
KHLNDDVVKIDFEDVIAEPEGTHSFDGIWKASFTTFTVTKYWFYRLLSALFGIPMALI
WGIYFAILSFLHIWAVVPCIKSFLIEIQCISRYSIYVHTFCDPFFEAVGKIFSNIRINMQ
KET

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

5. Product Description

This product is a recombinant Dog CAV1 full length protein (1-178a) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CAV1, also known as CGL3 or PPH3 or BSCL3, 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.