



Recombinant Dog IL2RB Protein Product Manual

1. Product Basic Information

Product No.: REP07215

Protein Name: Cd122 Antigen (IL2RB)

Aliases: p75; CD122; IMD63; IL-2RB; IL15RB; P70-75; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 2 receptor, beta; interleukin 15 receptor, beta; interleukin 2 receptor subunit be...

UniProt ID: P14784

UniProt Link: <https://www.uniprot.org/uniprotkb/P14784/entry>

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

Expression System: Mammalian cell

Protein Length: Partial (30-246aa)

Molecular Weight: 26.5 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (30-246aa)

NADTSKLTCFYNSKANISCIWSWDGDLQATSCKIHAQPDRRPWNKSCCELLPMRPAF
WACYLILGSPDAQSLTSADVVGMSVMCHEGERWRILMTQDFKPFENLRLMAPNGL
QVADVGTHKCNITWKVPQSSHYIKRYLEFEARKRSPGHSWEEASLMALRQNQQWI
SLETLTPDTLYEFQVRVRAQRGSHKTWSPWSQPLAFRTRPAARGKQSLPFP

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



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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 IL2RB partial protein (30-246aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IL2RB, also known as p75 or CD122 or IMD63, 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.