



Recombinant Rat IL2RG Protein Product Manual

1. Product Basic Information

Product No.: REP07216

Protein Name: Cd132 Antigen (IL2RG)

Aliases: P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1; gammaC; CD132 antigen; IL-2R subunit gamma; IL-2 receptor subunit gamma; interleukin 2 receptor, gamma; common cytokine receptor gamma chain; interleukin...

UniProt ID: P31785

UniProt Link: <https://www.uniprot.org/uniprotkb/P31785/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: Mammalian cell

Protein Length: Partial (1-262aa)

Molecular Weight: 32.2 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (1-262aa)

MLKPLLPSRSFLLLQLLLLRVGWSSKVLMSSEGNEDTKSDLLLTSMCLKHLSVPTLPL
PEVQCFVFNVEYMNCTWNSSESEPQPTNLTMHYRYKGSDNNTFQECSHYLFSEIT
SGCQIQKEDIQLYQTFVVLQDPQKPQRRAEQKLNQLVIPWAPENLTLYNLSES
QVELRWKSRYIERCLQYLVQYRSNRDRSWTEQIVDHEPRFSLPSVDEQKLYTFRVR
SRFNPICGSTQQWSKWSQPIHWGSHTAEENPSLFALEA

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



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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 Rat IL2RG partial protein (1-262aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IL2RG, also known as P64 or C1DX or IMD4, 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.