



Recombinant Human IL12RB1 Protein Product Manual

1. Product Basic Information

Product No.: REP07204

Protein Name: IL-12R Subunit Beta-IL-12 Receptor Beta Component (IL12RB1)

Aliases: CD212; IMD30; IL12RB; IL-12R-BETA1; IL-12R subunit beta-IL-12 receptor beta component

UniProt ID: P42701

UniProt Link: <https://www.uniprot.org/uniprotkb/P42701/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Partial (24-545aa)

Molecular Weight: 59.2 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (24-545aa)

CRTSECCFQDPYPADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFLR
CCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQTEKSPEVTLQL
YNSVKYEPPLGDIKVSCLAGQLRMEWETPDNQVGAEVQFRHRTSPSPWKLGDGCG
PQDDDTESCLCPLEMNVAQEFQLRRRQLGSQGSSWSKWSSPVCVPPENPPQPQ
VRFSVEQLGQDGRRRLTLKEQPTQLELPEGCQGLAPGTEVTYRLQLHMLSCPCKA
KATRTLHLGKMPYLSGAAYNVAVISSNQFGPGLNQTHIPADTHTEPVALNISVGTN
GTTMYWPARAQSMTCIEWQPVGGQDGLATCSLTAPQDPDPAGMATYSWSRES
GAMGQEKCYITIFASAHPEKLTWSTVLSTYHFGGNASAAGTPHHVSVKNHSLDS
VSVDWAPSLSTCPGVLKEYVVRCDREDSKQVSEHPVQPTETQVTL SGLRAGVAY
TVQVRADTAWLRGVWSQPQRFSIEVQVSD

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

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 IL12RB1 partial protein (24-545aa) expressed in Baculovirus. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IL12RB1, also known as CD212 or IMD30 or IL12RB, 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.