# Interleukin-12 Subunit Beta (IL12B) Lama Glama Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Interleukin-12 subunit beta (IL12B), Recombinant Protein |
| **Full Product Name** | Recombinant Lama glama Interleukin-12 subunit beta (IL12B) |
| **Product Gene Name** | IL12B recombinant protein |
| **Product Synonym Gene Name** | IL12B |
| **Sequence** | IWELEKNVYV VELDWYPDAP GETVVLTCDT PEEDGITWTS DHSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSLL LLHKKEDGVW STDILKKDQK EPKSKTFLKC EAKNYSGHFT CWWLTAVSTD LKFSVKSSRG SSDPRGVTCG AATLSAERVG VEHRDSWKYT VECQEGSSCP AAEESLPIEL VVEAVHKLKY ENYSSSFFIR DIIRPDPPKN LQLKPLKNSR HVEVSWEYPD TWSTPHSYFS LTFCVQVQGK HKREKKDKLF VDQTSAKVTC PKDASIRVQA RDRYYSSSWS EWASVSCS |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 37,295 Da |
| **Sequence Positions** | 23-330, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q865W9 |
| **Species** | Lama glama (Llama) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for IL12B recombinant protein** | MBS1427672 is a recombinant protein targeting IL12B. Also known as Recombinant Lama glama Interleukin-12 subunit beta (IL12B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of IL12B recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL12B. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 75046547 |
| **NCBI Accession #** | Q865W9.1 |
| **UniProt Primary Accession #** | Q865W9 |
| **NCBI Official Full Name** | Interleukin-12 subunit beta |
| **UniProt Protein Name** | Interleukin-12 subunit beta |

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| **UniProt Synonym Protein Names** | Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF p40; IL-12 subunit p40 |
| **Protein Family** | Interleukin |
| **UniProt Gene Name** | IL12B |
| **UniProt Synonym Gene Names** | IL-12B; CLMF p40 |
| **UniProt Comments for IL12B** | Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC. |
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