

## 32-6448: IL12RB1 Human

**Alternative Name :**

Interleukin 12 Receptor Beta 1, IL-12 Receptor Beta Component, IL-12 Receptor Subunit Beta-1, IL-12R Subunit Beta-1, IL12RB, Interleukin-12 Receptor Subunit Beta-1, Interleukin-12 Receptor Beta-1 Chain, Cluster Of Differentiation 212, CD212 Antigen, IL-12R-Beta-1, IL-12R-BETA1, IL-12RB1, CD212, IMD30, IL12R.

### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

IL-12 is a heterodimeric cytokine that stimulates the production of IFN gamma from T-cells and natural killer cells, and also induces differentiation of Th1 helper cells. It is an initiator of cell-mediated immunity.

IL12RB1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 568 amino acids (1-545 a.a) and having a molecular mass of 62.6kDa. IL12RB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** IL12RB1 protein solution (0.25mg/ml) containing 20mM TRIS 8.0 buffer and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMEPLVTW VVPLLFLFLL SRQGAACRTS ECCFQDPPYP  
DADSGSASGP RDLRCYRISS DRYECSWQYE GPTAGVSHFL RCCLSSGRCC YFAAGSATRL  
QFSDQAGVSV LYTIVTLWVES WARNQTEKSP EVTLQLYNSV KYEPPLGDIK VSKLAGQLRM  
EWETPDNQVG AEVQFRHRTP SSPWKLGDG PQDDDTESCL CPLEMNVAQE FQLRRRQLGS  
QGSSWSKWSS PVCVPPENPP QPQVRFVVEQ LGQDGRRRRLT LKEQPTQLEL PEGCQGLAPG  
TEVTYRLQLH MLSCPCAKA TRTLHLGKMP YLSGAAYNVA VISSNQFGPG LNQTWHIPAD THTEPVALNI  
SVGTNGTTMY WPARAQSMY CIEWQPVGQD GGLATCSLTA PQDPDPAGMA TYSWSRESGA  
MGQEKCYIT IFASAHPEKL TLWSTVLSTY HFGGNASAAG TPHHVSVKNH SLDSVSDWA PSLSTCPGV  
LKEYVVRCD EDSKQVSEHP VQPTETQVTL SGLRAGVAYT VQVRADTAWL RGVWSQPQRF SIEVQVSD.