

---

**Product Data Sheet**


---

Product Name: IL12RB1 Human, Sf9

Cat. No.: GP20557

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms 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; IL12RB1.

Amino Acid Sequence  
 CRTSECCFQD PPYPDADSGS ASGPRDLRCY RISSDRYECS WQYEGPTAGV  
 SHFLRCCLSS GRCCYFAAGS ATRLQFSDQA GVSVLYTVTL WVESWARNQT  
 EKSPEVTLQL YNSVKYEPPL GDIKVSCLAG QLRMEWETPD NQVGAEVQFR  
 HRTSPSPWKL GDCGPQDDDT ESCLCLEMN VAQEFQLRRR QLGSQGSSWS  
 KWSSPVCVPP ENPPQPQVRF SVEQLGQDGR RRLTLKEQPT QLELPEGCQG  
 LAPGTEVTYR LQLHMLSCPC KAKATRTLHL GKMPYLSGAA YNVAVISSNQ  
 FGPGLNQTWH IPADTHTEPV ALNISVGTNG TTMYPARAQ SMTYCIEWQP  
 VGQDGGGLATC SLTAPQDPDP AGMATYSWSR ESGAMGQEK YITIFASAH  
 PEKLTWSTV LSTYHFGGNA SAAGTPHHVS VKNHSLDSVS VDWAPSLST  
 CPGVLKEYVV RCRDEDSKQV SEHPVQPTET QVTLGSLRAG VAYTVQVRAD  
 TAWLRGVWSQ PQRFSIEVQV SDHHHHHH

Formulation IL12RB1 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol, 1mM EDTA and 0.1mM PMSF.

**Introduction**

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

**Stability**

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

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.

### Background

IL12RB1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (24-545 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 528 amino acids and having a molecular mass of 58.4kDa. IL12RB1 shows multiple bands between 50-70kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**