

---

**Product Data Sheet**


---

Product Name: IFNAR2 Human  
 Cat. No.: GP26034  
 Batch No.: 1

**Product Data**

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms Interferon alpha/beta receptor 2, IFNAR2, IFN-alpha binding protein, Interferon alpha binding protein, Type I interferon receptor 2, interferon alpha/beta receptor 2 isoform a, IFN-R-2, IFNABR, IFNARB, IFN-alpha-REC, IFN-R, IMD45.

Amino Acid Sequence  
 ISYDSPDYTD ESCTFKISLR NFRSILSWEL KNHSIVPTHY TLLYTIMSKP  
 EDLKVVKNCA NTTRSFCDLT DEWRSTHEAY VTVLEGFSGN TTLFSCSHNF  
 WLAIMSFEP PEFEIVGFTN HINVMVKFPS IVEEELQFDL SLVIEEQSEG  
 IVKKHKPEIK GNMSGNFTYI IDKLIPNTNY CVSYLEHSD EQAVIKSPLK  
 CTTLPPGQES ESAESAKLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP  
 KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN  
 STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ  
 VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPPV  
 LDSGDGFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK  
 HHHHHH.

Formulation IFNAR2 protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

**Introduction**

Interferon Alpha and Beta Receptor Subunit 2 or IFNAR2 is a protein, part of the class II cytokine receptor family. When different innate immune signaling transduction are activated, there is a rapid induction of type I IFNs because it has an intronless gene source. IFNAR2 is the main ligand and binds to the receptor. Once bind, stabilization occurs and a signaling complex receptor is formed. IFNAR2 also takes part in the activation process of STAT proteins.

**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

IFNAR2 Human Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 456 amino acids (27-243 a.a.) and having a molecular mass of 51.7kDa. IFNAR2 is fused to an 239 amino acid hlgG-His tag at C-terminus 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**