

Human IL1R2 Recombinant Protein



RPPB0478

Product Information Protein Information

Product SKU:

RPPB0478

Accession:

P27930

Host:

Sf9, Insect cells.

Protein description:

IL1R2 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 338 amino acids (14-343a.a.) and having a molecular mass of 38.8kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).IL1R2 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

IL1R2, CD121b, CDw121b, IL-1R-2, IL-1RT-2, IL-1RT2, IL1R2c, IL1RB, IL-1 type II receptor, Interleukin-1 receptor beta, CD121 antigen-like family member B.

Formulation:

IL1R2 protein solution (0.5mg/ml) contains PBS (pH7.4) and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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 Sequence:

FTLQPAAHTG AARSCRFRGR HYKREFRLEG EPVALRCPQV PYWLWASVSP RINLTWHKND SARTVPGEEE
TRMWAQDGAL WLLPALQEDS GTYVCTTRNA SYCDKMSIEL RVFENTDAFL PFISYPQILT LSTSGVLVCP
DLSEFTRDKT DVKIQWYKDS LLLDKDNEKF LSVRGTHLLVHDVALEDAG YYRCVLTFAH EGQQYNITRS
IELRIKKKKE ETIPVIISPL KTISASLGSR LTIPCKVFLG TGTPLTMLW WTANDTHIES AYPGGRVTEG
PRQEYSENNE NYIEVPLIFD PVTREDLHMD FKCVDHNTLS FQTLRRTVKE LEHHHHHH.

Biological Activity:

Measured by its ability to inhibit proliferation using D10.G4.1 mouse helper T cells. The ED50 for this effect is \leq to 400 ng/ml with IL-1beta.