

## 32-6414: IL1R1 Human

**Alternative Name :** Interleukin-1 receptor type 1, IL1R1, Interleukin-1 receptor type 1, IL-1R-1, IL-1RT-1, IL-1RT1, CD121 antigen-like family member A, Interleukin-1 receptor alpha, IL-1R-alpha, Interleukin-1 receptor type I, p80, CD121a, Interleukin-1 receptor type 1, membrane form, mIL-1R1, mIL-1RI, Interleukin-1 receptor type 1, soluble form, sIL-1R1, sIL-1RI, IL1R, IL1RA, IL1RT1, IL1R1, IL1R1, CD121A, D2S1473.

### Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Interleukin-1 receptor type 1 (IL1R1) associates with the co-receptor IL1RAP to form the high affinity interleukin-1 receptor complex, which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. IL1R1 is a central mediator involved in numerous cytokine induced immune and inflammatory responses.

IL1R1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 324 amino acids (21-336a.a.) and having a molecular mass of 37.4kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions). IL1R1 is fused to 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** IL1R1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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 :** DKCKEREEKI ILVSSANEID VRPCPLNPNE HSGTITWYKD DSKTPVSTEQ ASRIHQHKEK  
LWFVPAKVED SGHYVCVVRN SSYCLRIKIS AKFVENEPNL CYNAQAIFKQ KLPVAGDGGL  
VCPYMEFFKN ENNELPKLQW YKDKPPLLD NIHFSGVKDR LIVMNVAEKH RGNYTCHASY  
TYLGKQYPIT RVIEFITLEE NKPTRPVIVS PANETMEVDL GSQIQLICNV TGQLSDIAYW  
KWNGSVIED DPVLGEDYYS VENPANKRRS TLITVLNISE IESRFYKHPF TCFAKNTHGI  
DAAYIQLIYP VTNFQKLEHH HHHH.