

**Interleukin-1 receptor type 1, 21-336aa, Human, His tag, Insect cell**

**Cat.NO.: TP02676**

3th Edition

**Synonyms:**IL1R1, CD121A, D2S1473, IL-1R-alpha, IL1R, IL1RA, P80

**Description:**IL1R1, also known as interleukin-1 receptor type 1, associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. It is an important mediator involved in many cytokine induced immune and inflammatory responses. Recombinant human IL1R1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**37.4kDa (324aa) 40-57KDa (SDS-PAGE under reducing conditions.)

**Sequences:**IBSNP0801

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.