

**IL-1 receptor antagonist, Human, Recombinant, E.coli**

**Cat.NO.: TP02589**

3th Edition

**Synonyms:**IL-1ra, IL-1RN, IRAP, IL1 inhibitor, ICIL-1RA, Anakinra IL1F3

**Description:**One of the most potent pro-inflammatory mediators is the early-acting cytokine interleukin-1 (IL-1), whose actions are regulated by the structurally related IL-1 receptor antagonist (IL-1 RA). IL-1 RA is a competitive IL-1 inhibitor and a powerful anti-inflammatory agent.

**Form:**Liquid. In phosphate-buffered Saline(pH 7.4)

**Molecular Weight:**17.2kDa (153aa), confirmed by MALDI-TOF

**Sequences:**

MRPSGRKSSKMQAFRIWDVNQKTFYLRNNQLVAGYLQGPNVNLEEKIDVVPIEPHALFLGIHGGKMCLSCVKSGDE  
TRLQLEAVNITDLSENKQDKRFAFIRSDSGPTTSFESAACPGWFLCTAMEADQPVSLTNMPDEGVMVTKFYFQED  
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**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**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.