

**Recombinant Human IL-1 Receptor Accessory Protein/IL-1RAcP/IL-1R3 Protein(C-Fc-6His)**

**Cat.NO.: TP04645**

3th Edition

**Synonyms:** Interleukin-1 Receptor Accessory Protein; IL-1 Receptor Accessory Protein; IL-1RAcP; Interleukin-1 Receptor 3; IL-1R-3; IL-1R3; IL1RAP; C3orf13; IL1R3

**Description:** Interleukin-1 Receptor Accessory Protein (IL-1RAcP) is a member of the interleukin-1 receptor family. It contains three Ig-like C2-type domains in the extracellular region and a long cytoplasmic domain implicated in signal transduction. IL-1RAcP acts as a non-ligand binding accessory component of the receptors for IL1 $\beta$ , IL1 $\alpha$  and IL33. IL-1RAcP mediates interleukin-1-dependent activation of NF-kappa-B. It is part of the membrane-bound form of the IL-1 receptor. IL-1 RAcP takes part in the Signaling ways by the formation of a ternary complex containing IL1R1, TOLLIP, MYD88, and IRAK1 or IRAK2. In addition, IL-1RAcP modulates the response to interleukins by associating with soluble IL1R1 and enhancing interleukin-binding to the decoy receptor.

**Form:** PBS

**Molecular Weight:** 39.7 kDa

**Sequences:** Ser21-Gln356

**Purity:** > 95% by HPLC

**Concentration:**

**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.