

## 32-9008: Recombinant Human IL-1 RAcP/IL-1 R3 (C-Fc-6His)(Discontinued)

**Gene :** IL1RAP  
**Gene ID :** 3556  
**Uniprot ID :** Q9NPH3

### Description

Source: Human Cells.

MW :66.7kD.

Recombinant Human Interleukin-1 Receptor Accessory Protein is produced by our Mammalian expression system and the target gene encoding Ser21-Gln356 is expressed with a Fc, 6His tag at the C-terminus. IL-1 Receptor Accessory Protein (IL-1 RAcP,IL-1 R3) is a ubiquitously expressed 70 - 90 kDa member of the interleukin-1 receptor family of proteins. It is mostly expressed in liver, skin, placenta, thymus and lung. Mature human IL-1 RAcP is a type I transmembrane glycoprotein that is 550 amino acids (aa) in length. It contains a 347 aa extracellular region (aa 21 - 367), a 21 aa transmembrane segment, and a 182 aa cytoplasmic domain. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. It is a subunit of the functional signaling complex with IL-1 RI and associates with IL-1 RII in a non-signaling receptor complex. In addition, it interacts with ST2/IL-1 R4 on mast cells and Th2 cells to create a functional IL-33 receptor complex. IL-1 RAcP also functions as a co-receptor for IL-36 alpha /IL-1F6, IL-36 beta /IL-1F8, and IL-36 gamma /IL-1F9.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** SERCDDWGLDTMRQIQVFEDPARIKCPLFEHFLKFNYSTAHSAGLTLIYWTRQDRDLEEPINFRLPENRISKE  
KDLVWFRPTLLNDTGNYTCMLRNTTYCSKVAFFLEVQKQDSCFNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSS  
VKPTITWYMGYKIQNFNNVIPEGMNLISNNGNYTCVVYPENGRTFHLTRTLTKVVGSPKNAVPPVIH  
SPNDHVVYEKEPGEELLIPCTVYFSFLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTS  
EDLKRSYVCHARSAKGEVAKAAKVKQKGNRCGQVDDIEGRMDPEKSCDKTHTCPPCPAPELLGGPSVFLFPPK  
PKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKE  
YKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKT  
TPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.