

32-7811: Recombinant Human IL-1 Receptor Accessory Protein/IL-1RAcP/IL-1R3 (C-Fc-6His)

Gene : IL1RAP
Gene ID : 3556
Uniprot ID : Q9NPH3

Description

Source: Human Cells.
MW :39.7kD.

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. 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 IL1a, IL1 beta 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
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 : SERCDDWGLDTRQIQVFEDEPARIKCPLFEHFLKFNYSTAHSAGLTLIYWTRQDRDLLEPINFRLPENRISKE KDLVWFRPTLLNDTGNYTCMLRNNTTYCSKVAFFLEVVQKDSFCNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSS VKPTITWYMGCYKIQNFNVIPEGMNL SFLIALISNNGNYTCVVYPENGRTFHLTRTLTKVVGSPKNAVPPVIH SPNDHVVEKEPGEELLIPCTVYFSFLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRQILSIKKVTS EDLKRSYVCHARSAGEVAKAAKVKQKGNRCGQVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPK PKDTLMISRTPVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKE YKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKT TPPVLDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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