

32-7431: Recombinant Human IL-1 Receptor Accessory Protein/IL-1RACP/IL-1R3 (C-6His)(Discontinued)

Gene : IL1RAP
Gene ID : 3556
Uniprot ID : Q9NPH3

Description

Source: Human Cells.

MW :39.75kD.

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 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 20mM PB, 150mM NaCl, pH 7.2.

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 : SERCDDWGLDTMRQIQVFEDEPARIKCPLEFHFLLKFNYSTAHSAGLTLIYWTRQDRDLEEPINFRLPENRISKE KDVLFWRPTLLNDTGNYTCMLRNTTYCSKVAFPLEVQKDSFCFNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSS VKPTITWYMGCYKIQNFNNVIPEGMNLISFLIALISNNGNYTCVVYPENGRTFHLTRTLTKVVVGSPKNAVPPVIH SPNDHVVEKEPGEELLIPCTVYFSLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTS EDLKRYSVCHARSAKGEVAKAAKVKQKGNRCGQVDHHHHHH

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.