

Synonym

IL1RAP,IL-1RAcP,C3orf13,IL1R3

Source

PE-Labeled Human IL-1 RAcP / IL-1 R3, His Tag (ILP-HP2H3) is produced via site-specific conjugation of PE to Human IL-1 RAcP / IL-1 R3 Protein, His Tag under optimal conditions with a proprietary technology. PE-Labeled Human IL-1 RAcP, His Tag (ILP-HP2H3) is expressed from human 293 cells (HEK293). It contains AA Ser 21 - Glu 359 (Accession # [Q9NPH3-1](#)).

Predicted N-terminus: Ser 21

Molecular Characterization

IL-1 RAcP(Ser 21 - Glu 359) Q9NPH3-1	Poly-his
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This protein carries a polyhistidine tag at the C-terminus

The protein has a calculated MW of 42.7 kDa.

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Application

Please note that this product is NOT compatible to streptavidin detection system.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, 0.5%BSA, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

Background

Interleukin-1 receptor accessory protein (IL1RAP or IL-1RAcP) is also known as Interleukin-1 receptor 3 (IL-1R-3 or IL-1R3), C3orf13, which belongs to the interleukin-1 receptor family. IL1RAP contains three Ig-like C2-type (immunoglobulin-like) domains and one TIR domain. IL1RAP is detected in liver, skin, placenta, thymus and lung. IL-1R3 / IL1RAP is coreceptor with IL1R1, associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B and other pathways.

Clinical and Translational UpdatesPlease contact us via TechSupport@acrobiosystems.com if you have any question on this product.