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Recombinant Human IL-1RAcP/IL1R3 Protein (His Tag)

Catalog Number: PKSH033636

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Human

Source HEK293 Cells-derived Human IL-1RAcP;IL1R3 protein Ser21-Gln356, with an C-

terminal His

Calculated MW39.8 kDaObserved MW50-70 kDaAccessionQ9NPH3-2

Bio-activity Not validated for activity

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

ShippingThis product is provided as lyophilized powder which is shipped with ice packs. **Formulation**Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

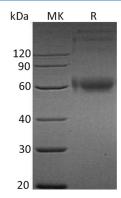
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-1 Receptor Accessory Protein (IL-1RAcP) is a member of the interleukin-1 receptor family. It contains three I g-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 IL1α; IL1βand 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.

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