Biotinylated Recombinant Human IL-1R3/IL-1RAcP /IL1RAP Protein

Catalog No.: RP02596B

www.abclonal.com

Sequence Information

Species
Human

Gene ID
3556

Swiss Prot
Q9NPH3-1

Tags
C-His&Avi

Synonyms
IL1RAP; C3orf13; IL-1 R3; IL-1 RAcP

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
42 kDa

Observed MW
52-70 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

IL-1 Receptor Accessory Protein (IL-1 RAcP), also known as IL-1 R3, is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of proteins. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. IL-1 R3 is a coreceptor for IL1RL2 in the IL-36 signaling system. IL-1 R3 is a coreceptor with IL1R1 in the IL-1 signaling system. 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.

Basic Information

Description
Biotinylated Recombinant Human IL-1R3/IL-1RAcP/IL1RAP Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser21-Glu359) of Human IL-1R3 fused with a His and Avi tag at the C-terminal.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

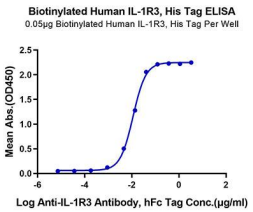
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

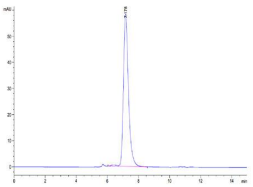
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

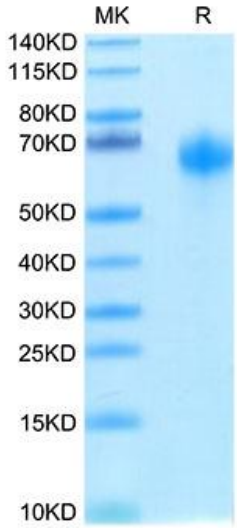
Validation Data



Immobilized Biotinylated Human IL-1R3 at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC_{50} of 11.3ng/ml determined by ELISA.



The purity of Biotinylated Human IL-1R3 is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human IL-1R3/IL-1RAcP/IL1RAP Protein was determined by Tris-Bis PAGE under reducing conditions.