Recombinant Human IL1RAPL-2 Protein

Catalog No.: RP01820

Sequence Information

Species
Human

Gene ID
26280

Swiss Prot
Q9NP60

Tags
C-hFc&6*His

Synonyms
IL1R9; IL-1R9; TIGIRR-1; IL1RAPL-2;IL1RAPL2

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
65.94 kDa

Observed MW
75-100 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

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

Reconstitution
Centrifμge the vial 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

X-linked interleukin-1 receptor accessory protein-like 2 (IL1RAPL2) or Interleukin-1 receptor 9 (IL-1R9) is a member of the interleukin 1 receptor family. This protein is similar to the interleukin 1 accessory proteins. IL-1R9 /IL1RAPL2 shows restricted expression in the fetal brain and is highly homologous to IL1RAPL, which is reportedly involved in nonsyndromic X-linked mental retardation. IL-1R9/IL1RAPL2 is highly homologous to IL-1R8. Both forms have no known ligands and receptors are found in the fetal brain. IL-1R9/IL1RAPL2 may function as a negative receptor. Both IL1RAPL1 and IL1RAPL2 have novel C-terminal sequences not present in other related proteins. IL-1R9/IL1RAPL2 may be strong candidates for X-linked non-syndromic mental retardation loci, and that molecules resembling IL-1 and IL-18 play a role in the development or function of the central nervous system.

Basic Information

Description
Recombinant Human IL1RAPL-2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr17-Glu356) of human IL1RAPL-2 (Accession #NP_059112.1) fused with hFc and 6×His tag at the C-terminus.

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

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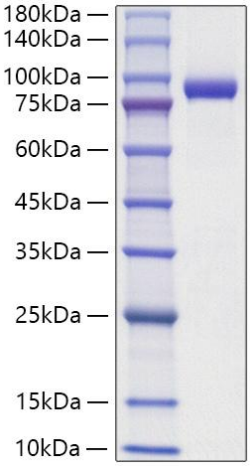
Validation Data



Recombinant Human IL1RAPL-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.