

Active Recombinant Mouse Il1rapl1 protein(Met1-Thr357), hFc-tagged

Cat. No. Il1rapl1-6962M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL1RAPL1 (P59823) extracellular domain (Met 1-Thr 357) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr357
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind biotinylated human IL1 α in functional ELISA.
Molecular Mass	The secreted recombinant mouse IL1RAPL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 574 amino acids and has a calculated molecular mass of 65 kDa. As a result of glycosylation, the apparent molecular mass of rmIL1RAPL1/Fc monomer is approximately 85-95 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Il1rapl1 interleukin 1 receptor accessory protein-like 1 \[Mus musculus \]](#)

Official Symbol [Il1rapl1](#)

Synonyms IL1RAPL1; interleukin 1 receptor accessory protein-like 1; interleukin-1 receptor accessory protein-like 1; IL1RAPL-1; IL-1RAPL-1; IL-1-RAPL-1; X-linked interleukin-1 receptor accessory protein-like 1; IL1R8; MRX34; OPHN4; IL1RAPL; TIGIRR-2; C030039N24; 6330532G10Rik;

Gene ID [331461](#)

mRNA Refseq [NM_001160403](#)

Protein Refseq [NP_001153875](#)

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