

IL-18RAP Protein, Human, Recombinant (hFc & His)

General Information

Synonyms:	IL-1R accessory protein-like;Interleukin-18 receptor β ;C;IL18RAP;CD218 antigen-like family member B;Interleukin-1 receptor 7;Accessory protein-like;Interleukin-18 receptor accessory protein;Interleukin-18 receptor accessory protein-like;Interleukin-18 receptor beta;CDw218b
Protein Construction:	Phe20-Arg356
Species:	Human
Expression Host:	HEK293 Cells
Accession:	O95256
Molecular Weight:	88 KDa (reducing condition)
AA Sequence:	Phe20-Arg356

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:	Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

IL-18RAP is a single-pass type I membrane protein and contains two Ig-like C2-type domains and one TIR domain, IL18RAP can be induced by IFN- α and IL12 in nature killer cells and T-cells. The coexpression of IL18R1 and IL18RAP is required for the activation of NF- κ B and JNK in response to IL-18. Defects in IL18RAP are associated with Coeliac disease.

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