



Synonym

IL-18 R beta,IL-1 R7,CD218b,CDw218b,IL-1 R7,IL-18 R beta,IL-18 receptor accessory protein,IL-18 receptor beta,IL18R beta,IL-18RAcP

Source

Human IL-18 R beta, His Tag(ILB-H52H8) is expressed from human 293 cells (HEK293). It contains AA Phe 20 - Arg 356 (Accession # [O95256-1](#)).

Predicted N-terminus: Phe 20

Molecular Characterization

IL-18 R beta(Phe 20 - Arg 356)
O95256-1 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 40.3 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

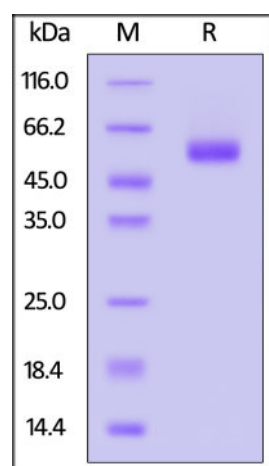
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human IL-18 R beta, His Tag on SDS-PAGE under reducing (R) condition.

The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Background

IL-18 R beta (IL-1R7), also known as IL18RAP (Interleukin 18 Receptor Accessory Protein), is a member of the IL-1 family. Within the IL18 receptor complex, does not mediate IL18-binding, but involved in IL18-dependent signal transduction, leading to NF-kappa-B and JNK activation.

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