


Human IL-18 protein

Cat #:PRP1023

Size: 10µg /50µg/100µg /1mg

Product Information

	Product Name: Human IL-18 protein		
	Reconstitution: Use the buffer provided to reconstitute the lyophilized Human IL-18 protein		
REF	Catalog Number: PRP1023	LOT	Lot Number: Refer to product label
	Purity: ≥ 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin-18 (IL-18) belongs to the IL-1 family, which is an intermediate molecule that induces the synthesis of interferon gamma. IL-18 can stimulate the proliferation of T cells, enhance the activity of natural killer cells, participate in the production of cytokines, and cooperate with IL-12.

Sequence: Amino acid sequence derived from Human IL-18 isoform (Q14116) (Tyr37-Asp193) was expressed.

Protein length: The recombinant Human IL-18 consists of 158 amino acids (N-Met) and has a predicted molecular mass of 18 kDa. The apparent molecular mass of the Human IL-18 protein is approximately 18 kDa in SDS-PAGE under reducing conditions

Biological Activity: Testing in progress.

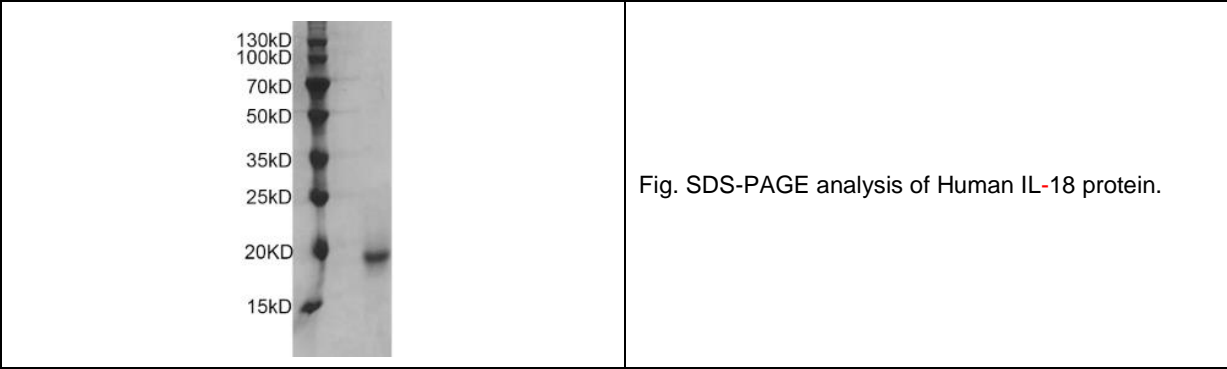
Endotoxin: < 1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile 20 mM Tris, 150 mM NaCl pH 7.5.

Storage Instructions: Lyophilized Human IL18 protein product should be stored desiccated below -18°C for 12 months. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and below -18°C for 3 months . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA), aliquot and store below -18°C, Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening . It is recommended to centrifuge at 12000 rpm for 1 minute. Then

reconstitute the lyophilized Human IL-18 protein with the buffer we provided not less than 100µg/ml, which can then be further diluted to other aqueous solutions.



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