


Human IL-38 Protein, His tag (Animal-Free)

Cat #: PRP1919

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-38 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1919	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-38 (IL-38) is a member of the interleukin-1 cytokine family. IL-38 is a ligand for soluble IL-1 receptor type I (IL-1RI). IL-38 could block the IL-36 pathway by inhibiting the IL-36 cytokine binding to their receptor. This process shows that IL-38 has anti-inflammatory properties. IL-38 is expressed in the immune organs, specifically in the skin and the tonsil, indispensable for B cell proliferation.

Sequence: Amino acid sequence derived from Human IL-38 (Met1-Trp152) (Q8WWZ1) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-38 consists of 152 amino acids and predicts a molecular mass of 17.8 kDa.

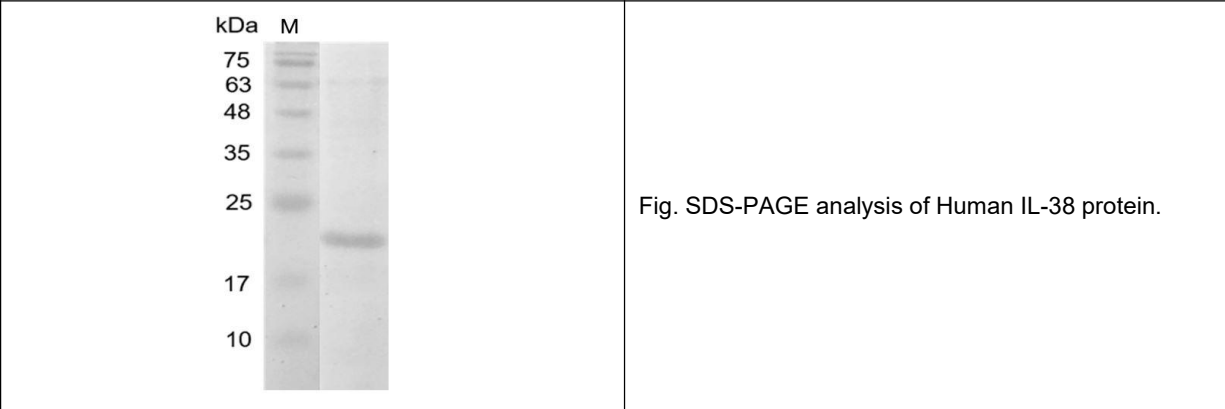
Biological Activity: Testing in process.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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