


Human IL-20 Protein, His tag (Animal-Free)

Cat #: PRP1934

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-20 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1934	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 20 (IL-20) subfamily of cytokines is comprised of IL-19, IL-20, IL-22, IL-24, and IL-26. It regulates of differentiation of keratinocytes during inflammation, the expansion of multipotential hematopoietic progenitor cells.

Sequence: Amino acid sequence derived from Human IL-20 (Leu25-Glu176) (Q9NYY1) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-20 Protein consists of 152 amino acids and predicts a molecular mass of 18.47 kDa.

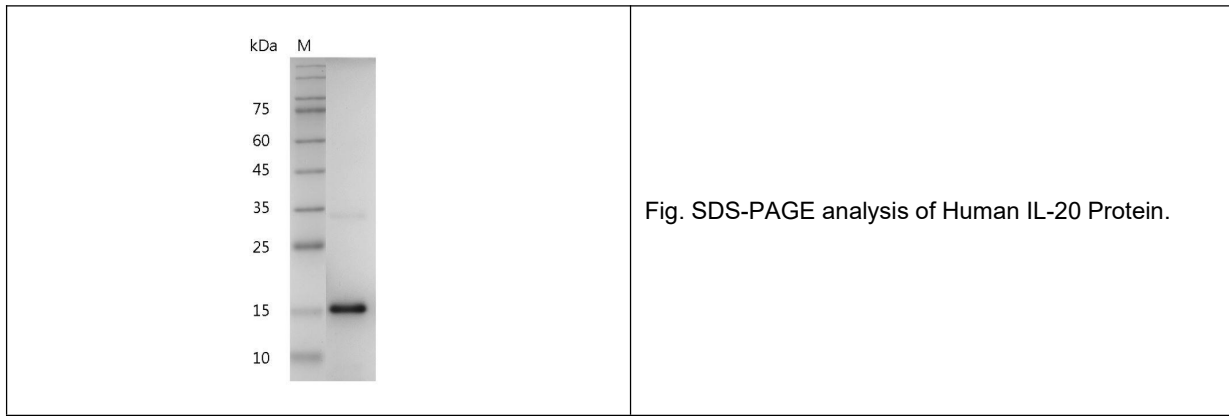
Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human IL-20R alpha and IL-20R beta. The ED₅₀ for this effect is <0.2 ng/mL.

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

Formulation: Lyophilized from PBS, pH8.0.

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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