


Human IL-25 Protein, His tag (Animal-Free)

Cat #: PRP1941

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-25 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1941	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 25 (IL-25) is a cytokine with proinflammatory and anti-inflammatory effects. It can induce NF-κB activation, and stimulate the production of IL-8, which is the major chemotactic substance of neutrophils.

Sequence: Amino acid sequence derived from Human IL-25 (Tyr33-Gly177) (Q8IU54) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-25 consists of 145 amino acids and predicts a molecular mass of 16.7 kDa.

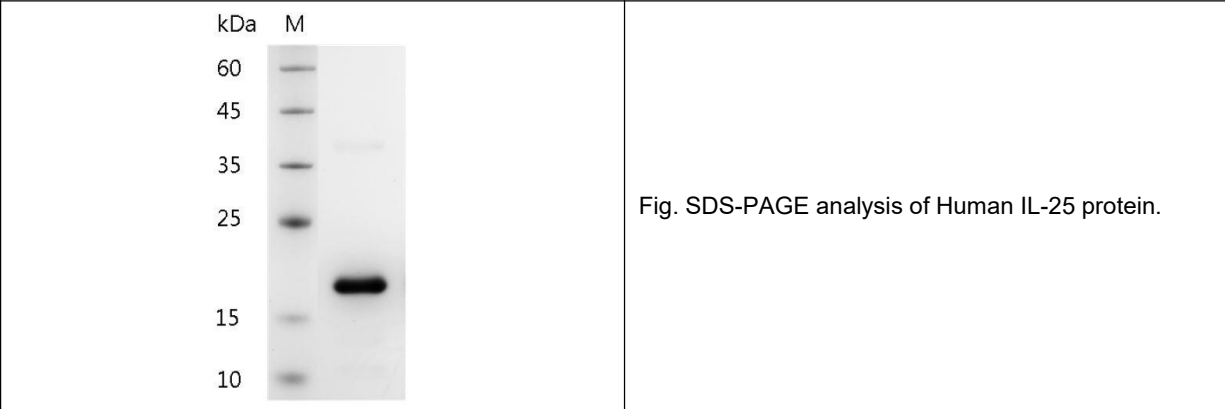
Biological Activity: Measured by its ability to induce IL-8 secretion in human PBMCs. The ED₅₀ for this effect is <5 ng/mL. Measure by its ability to induce CXCL1 secretion in HT29 cells. The ED₅₀ for this effect is <1 ng/mL.

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

Formulation: Lyophilized from PBS, pH 8.0.

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 not less than 100 µg/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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