



Recombinant Human His-IL-22 protein

E13-028

Catalog Number:	E13-028-1, E13-028-2
Amount:	10µg, 50µg
Product description:	Human His-IL-22 produced in E. coli is non-glycosylated polypeptide chain containing 167 amino acids (21-167 a.a.; predicted MW=19.04kDa.). The recombinant protein was purified by Ni-NTA chromatography and gel filtration chromatography. Purity is greater than 95% by SDS-PAGE and Coomassie blue staining (Figure 1).
Background:	Interleukin-22 (IL-22), also known as IL-10-related T cell-derived inducible factor (ILTIF), is a member of IL-10 superfamily. IL-22 is expressed by Th17 CD4+ T cells, activated T cells, Th1 cells and NK cells. IL-22 inhibits IL-4 production by Th2 cells, and induces the production of acute phase reactants. The IL-22 receptor is a heterodimer of IL-22R1 and IL-10R2.
GenBank accession number:	NP_065386
Amino acid sequence:	MGSSHHHHHHSSGLVPRGSHMAPISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVR LIGEKLFHGVSMSERCYLMKQVLNFTLEEVLPQSDRFQPYMQEVPFLARLSNRLSTCHIE GDDLHIQRNVQKLKDTVKKLGESGEIKAIGELDLLFMSLRNACI
Formulation:	Lyophilized from a 0.22µm filtered solution at a concentration of 1mg/ml in PBS.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 1.0 mg/ml.
Shipping&Stability:	The Product is shipped at ambient temperature. Upon reconstitution, the preparation is stable for up to 1 month at 2-8°C. For long term storage, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

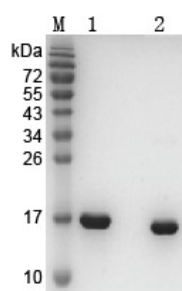


Figure1. The purity of recombinant protein His-IL-22 (E13-028) was determined by 15 % SDS-PAGE of 6µg reduced (lane 1) and non-reduced (lane 2) protein.

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