


Human IL-1 α /IL1A protein

Cat #: PRP1021

Size: 2 μ g/10 μ g/100 μ g

Product Information

	Product Name: Human IL-1 α /IL1A protein		
REF	Catalog Number: PRP1021	LOT	Lot Number: Refer to product label
	Purity: 95% as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: IL-1 α a member of the interleukin 1 cytokine family. Interleukin 1 (IL-1 α) is a name that designates two proteins, IL-1 α and IL-1 β , which are the products of distinct genes, but which show approximately 25% amino acid sequence identity and which recognize the same cell surface receptors. IL-1 α stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity.

Sequence: Amino acid sequence derived from Human IL-1 α protein isoform (P01583-1, Ser113-Ala271) was expressed.

Protein length: The recombinant Human IL-1 α protein consists of 160 amino acids (N-Met) and has a predicted molecular mass of 18 kDa. The apparent molecular mass of the Human IL-1 α protein is approximately 18 kDa in SDS-PAGE under reducing conditions due to glycosylation.

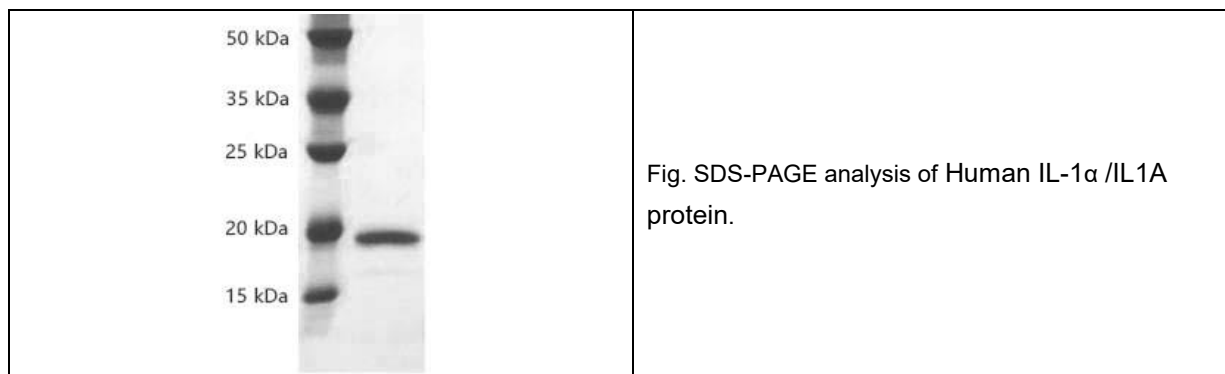
Biological Activity: Testing in progress.

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

Formulation: Lyophilized from sterile 20 mM Tris, 150 mM NaCl, pH7.5.

Storage Instructions: Lyophilized Human IL-1 α 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 (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized Human IL-1 α protein using the buffer we provided not less than 100 $\mu\text{g}/\text{mL}$, which can then be further diluted to other aqueous solutions.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.