


Human TGF-alpha protein

Cat #:PRP1024

Size: 20µg /100µg/500µg /1mg

Product Information

	Product Name: Human TGF-alpha protein		
	Reconstitution: Use the buffer we provided to reconstitute the lyophilized Human TGF-alpha protein		
REF	Catalog Number: PRP1024	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: TGF- α is an EGF-related polypeptide growth factor that signals through the EGF receptor, and stimulates the proliferation of a wide range of epidermal and epithelial cells. It is produced by monocytes, keratinocytes, and various tumor cells. TGF- α is a well-characterized mammalian growth factor that might contribute to the development of cleft lip and palate (CL/P).

Sequence: Amino acid sequence derived from Human TGF-alpha isoform (P01135)(Val40-Ala89) was expressed.

Protein length: The recombinant human TGF-alpha consists of 50 amino acids and has a predicted molecular mass of 5.5 kDa. The apparent molecular mass of the human TGF-alpha protein is approximately 5.5 kDa in SDS-PAGE under reducing conditions .

Biological Activity: Testing in progress.

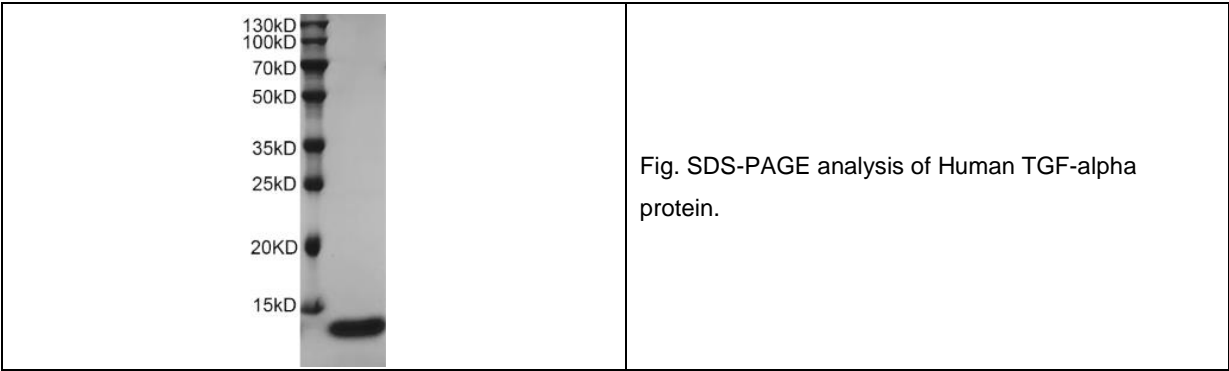
Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from sterile 20 mM Tris, 50 mM NaCl pH 6.5.

Storage Instructions: Lyophilized Human TGF-alpha protein product should be stored desiccated below -18°C for 12 months. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and below -18°C for 3 months . For long term storage it is recommended to add a carrier protein (example 0.1% HSA or BSA), aliquot and store below -18°C, Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening . It is recommended to centrifuge at 12,000 rpm for 1 minute. Then

reconstitute the lyophilized Human TGF- α protein with the buffer we provided not less than 100 μ g/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.