

## Recombinant Human TGFA

Cat. No. TGFA-29704TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TGFA was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS, with 0.02% Tween-20, pH 7.0.
<b>Molecular Mass</b>	Approximately 6 kDa, a single non-glycosylated polypeptide chain containing 50 amino acids.
<b>AASequence</b>	MVVSHFNDPCDSHTQFCFHGTCRFLVQEDKPACVCHSGYVGARCEHADLLA
<b>Endotoxin</b>	Less than 0.1 EU/g of rHuTGF-α as determined by LAL method.
<b>Purity</b>	>95% by SDS-PAGE analyses.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

apportioned into working aliquots and stored at  $\leq -20$  °C. Further dilutions should be made in appropriate buffered solutions.

## GENE INFORMATION

<b>Gene Name</b>	TGFA transforming growth factor, alpha [ Homo sapiens ]
<b>Official Symbol</b>	TGFA
<b>Synonyms</b>	TGFA; transforming growth factor, alpha; protransforming growth factor alpha; TGF-alpha; TFGA;
<b>Gene ID</b>	7039
<b>mRNA Refseq</b>	NM_001099691
<b>Protein Refseq</b>	NP_001093161
<b>MIM</b>	190170
<b>UniProt ID</b>	P01135
<b>SDS-PAGE</b>	

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA