

# Product Datasheet

## Human TGF-alpha Recombinant Protein NBP2-36432-100ug

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-36432-100ug**

Human TGF-alpha Recombinant Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 10 mM acetic acid to a final concentration of 0.1 mg/ml.
Purity	SDS-PAGE
Target Molecular Weight	6 kDa

Product Description	
Description	A single, non-glycosylated polypeptide corresponding to amino acids Val40 - Ala89 of TGFA.  <b>Source:</b> <i>E. coli</i>
Gene ID	7039
Gene Symbol	TGFA
Species	Human
Preparation Method	Novus' biologically active proteins are stringently purified to provide only the safest and most highly effective proteins available. This protein was expressed in <i>E. coli</i> , purified by HPLC, QC tested by SDS-PAGE and Western Blot and validated on appropriate cell lines for bioactivity. All HPLC and bioactivity data is provided for your assurance.
Details of Functionality	The ED50, as determined by a cell proliferation assay using murine Balb/3T3 cells, is less than 0.4 ng/ml.
Notes	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
Endotoxin Note	Less than 1 EU/mg of the rHuTGF-a as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

**Publications**

MacDonald E, Forrester A, Valades-Cruz C et al. Growth factor-induced desialylation for the fast control of endocytosis bioRxiv 2023-09-13





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 1 year from date of receipt.

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