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Datasheet for ABIN6964368

## TGFA Protein (AA 24-98) (Fc Tag)

### Overview

Quantity:	100 µg
Target:	TGFA
Protein Characteristics:	AA 24-98
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFA protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human TGFA Protein with C-terminal human Fc tag
Sequence:	TGFA (Glu24-Gln98)+hFc(GLU99-ALA330)
Specificity:	TGFA (Glu24-Gln98) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	TGFA
Alternative Name:	TGFA ( <a href="#">TGFA Products</a> )

## Target Details

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Background:	This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Molecular Weight:	predicted molecular mass of 34.1 kDa after removal of the signal peptide. The apparent molecular mass of TGFA-hFc is 35-55 kDa due to glycosylation.
UniProt:	<a href="#">P01135</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">EGFR Signaling Pathway</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months