

Datasheet for ABIN2829976
TGFA Protein (AA 40-89)



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Overview

Quantity:	100 µg
Target:	TGFA
Protein Characteristics:	AA 40-89
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	Val40-Ala89, Accession # P01135
Characteristics:	Biological Activity: The ED50, as determined by a cell proliferation assay using murine Balb/3T3 cells, is less than 0.4 ng/mL.
Purity:	>90 % as determined by SDS-PAGE.
Sterility:	0.2 µm filtered

Target Details

Target:	TGFA
Alternative Name:	TGFA (TGFA Products)
Background:	Relevance: TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR

Target Details

and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Synonyms: TGF-alpha, ETGF, TGF type 1,],

Molecular Weight:	6 kDa
UniProt:	P01135
Pathways:	NF-kappaB Signaling , RTK Signaling , EGFR Signaling Pathway

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	30 % acetonitrile and 0.1 % TFA
Storage:	-20 °C