

Product datasheet

Recombinant Human TGF alpha protein ab152745

1 Image

Overview

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**Product name** Recombinant Human TGF alpha protein  
**Protein length** Protein fragment

Description

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**Nature** Recombinant  
**Source** Wheat germ

Amino Acid Sequence

**Accession** [P01135](#)  
**Species** Human  
**Sequence** SHFNDCPDSHTQFCFHGTCRFLVQEDKPACVCHSGYVGARCEHADLLA  
**Molecular weight** 31 kDa including tags  
**Amino acids** 42 to 89

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab152745** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** ELISA  
 SDS-PAGE  
 Western blot  
**Form** Liquid  
**Additional notes** Protein concentration is above or equal to 0.05 µg/µl.

Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
 pH: 8.00  
 Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

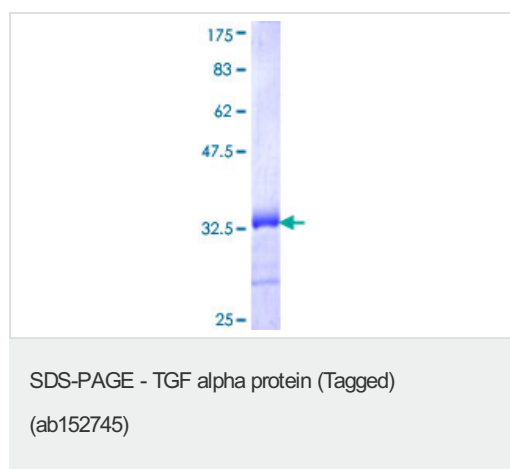
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<b>Function</b>	TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
<b>Tissue specificity</b>	Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines.
<b>Sequence similarities</b>	Contains 1 EGF-like domain.
<b>Cellular localization</b>	Cell membrane and Secreted > extracellular space.

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## Images

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12.5% SDS-PAGE analysis of ab152745 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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