

Product datasheet

Recombinant Human TCEA1 protein ab126676

1 Image

Overview

<b>Product name</b>	Recombinant Human TCEA1 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

Amino Acid Sequence

<b>Accession</b>	<a href="#">P23193</a>
<b>Species</b>	Human
<b>Sequence</b>	<b>MGSSHHHHHH SSGLVPRGSH MGS</b> MEDEVV RFAKKMDKMV QKKNAAGALD LLKELKNIPM TLELLQSTRI GMSVNAIRKQ STDEEVTSLA KSLIKSWKKL LDGPSTEKDL DEKKKEPAIT SQNSPEAREE STSSGNVSNR KDETNRDITY VSSFPRAPST SDSVRLKCRE MLAAALRTGD DYAIGADEE ELGSQIEEAI YQEIRNTDMK YKNRVRSRIS NLKDAKNPNL RKNVLCGNIP PDLFARMTAE EMASDELKEM RKNLTKEAIR EHQMAKTGGT QTDLFTCGKC KKKNCTYTQV QTRSADEPMT TFVVCNECGN RWKFC
<b>Molecular weight</b>	37 kDa including tags
<b>Amino acids</b>	1 to 301
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab126676** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF

<b>Purity</b>	> 90 % SDS-PAGE. ab126676 is purified using conventional chromatography techniques.
<b>Form</b>	Liquid

## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 7.50 Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol, 0.29% Sodium chloride
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## General Info

<b>Function</b>	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving TCEA1 may be a cause of salivary gland pleiomorphic adenomas (PA) [181030]. Pleiomorphic adenomas are the most common benign epithelial tumors of the salivary gland. Translocation t(3;8)(p21;q12) with PLAG1.
<b>Sequence similarities</b>	Belongs to the TFS-II family. Contains 1 TFIIIS central domain. Contains 1 TFIIIS N-terminal domain. Contains 1 TFIIIS-type zinc finger.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Nucleus.

## Images



15% SDS-PAGE analysis of ab126676 (3µg)

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