

Product datasheet

Recombinant Human TCEA1 protein ab126676

1 Image

Overview

Product name	Recombinant Human TCEA1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P23193
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGS 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

Molecular weight	37 kDa including tags
Amino acids	1 to 301
Tags	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.

Applications	SDS-PAGE Mass Spectrometry
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Mass spectrometry	MALDI-TOF
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Purity	> 90 % SDS-PAGE. ab126676 is purified using conventional chromatography techniques.
Form	Liquid

Preparation and Storage

Stability and Storage	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

Function	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.
Involvement in disease	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.
Sequence similarities	Belongs to the TFS-II family. Contains 1 TFIIIS central domain. Contains 1 TFIIIS N-terminal domain. Contains 1 TFIIIS-type zinc finger.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



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

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