

Product datasheet

Recombinant Human TEN1 protein ab167900

1 Image

Overview

Product name	Recombinant Human TEN1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q86WV5
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMMMLPKPG TYLPWEVSA GQVPDGSTLR TFGRCLYDM IQRVTLMAQ HGSDQHQLV CTKLVEPFHA QVGSLYVLG ELQHQQDRGS VVKARVLTCV EGMNLPLEQ AIREQRLYKQ ERGGSQ</p>
Molecular weight	16 kDa including tags
Amino acids	1 to 123
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab167900** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	<p>Mass Spectrometry</p> <p>SDS-PAGE</p>
Mass spectrometry	MALDI-TOF
Purity	<p>>90% by SDS-PAGE.</p> <p>ab167900 is purified using conventional chromatography techniques.</p>
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, 10% Glycerol, 0.88% Sodium chloride

General Info

Function

Component of the CST complex, a complex that binds to single-stranded DNA and is required to protect telomeres from DNA degradation. The CST complex binds single-stranded DNA with high affinity in a sequence-independent manner, while isolated subunits bind DNA with low affinity by themselves. In addition to telomere protection, the CST complex has probably a more general role in DNA metabolism at non-telomeric sites.

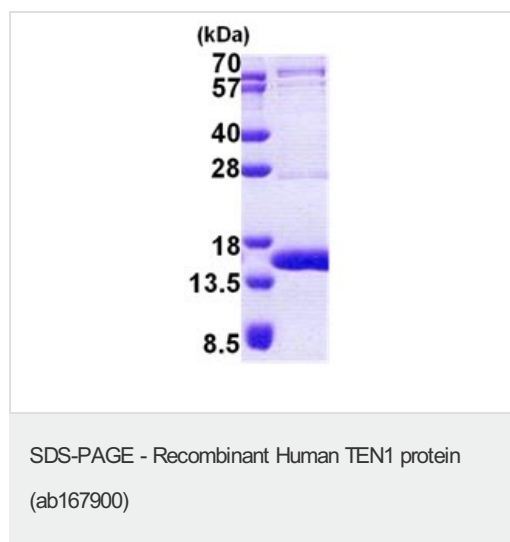
Sequence similarities

Belongs to the TEN1 family.

Cellular localization

Nucleus. Chromosome > telomere.

Images



15% SDS-PAGE analysis of ab167900 (3µg).

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