

Product datasheet

Recombinant Human Tenascin C protein ab114943

[1 Image](#)

Overview

Product name Recombinant Human Tenascin C protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Accession [P24821](#)

Species Human

Sequence KGPNCSEPECPGNCHLRGRCIDGQCICDDGFTGEDCSQLACPSDCNDQGK
CVNGVCICFEGYAGADCSREICVPCSEEHGTCVDGLCVCHDGFAGDDCN
KPLCLNNCYN

Molecular weight 38 kDa including tags

Amino acids 181 to 290

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114943** in the following tested applications.

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

Applications ELISA
Western blot
SDS-PAGE

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml.
Best used within three months from the date of receipt.

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

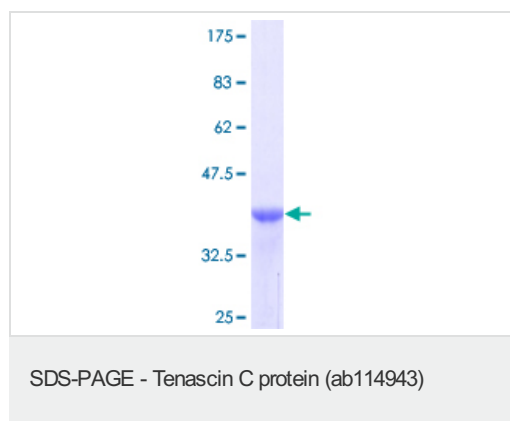
pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.
Sequence similarities	Belongs to the tenascin family. Contains 15 EGF-like domains. Contains 1 fibrinogen C-terminal domain. Contains 15 fibronectin type-III domains.
Cellular localization	Secreted > extracellular space > extracellular matrix.

Images



ab114943 analyzed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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