

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	KGPNCSEPEPCPGNCHLRGRCIDGQCICDDGFTGEDCSQLACPSDCNDQGK CVNGVCICFEGYAGADCSREICPVPCSEEHGTCVDGLCVCHDGFAGDDCN 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.

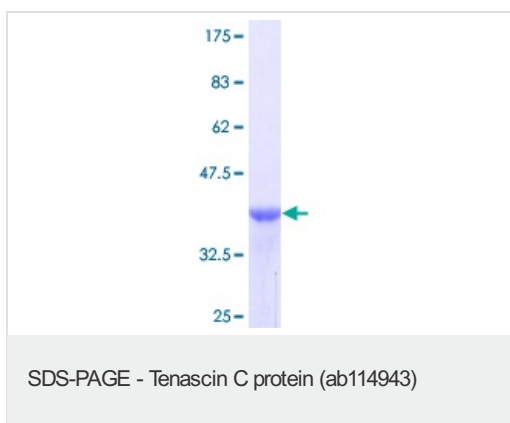
Preparation and Storage

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
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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.

Recombinant Human Tenascin C protein images



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

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