

Product datasheet

Recombinant Human Tenascin C protein ab114943

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human Tenascin C protein
Expression system	Wheat germ
Accession	<u>P24821</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	KGPNCSSEPECPGNCHLRGRCIDGGQCICDDGFTGEDCSQL ACPSDCNDQGK CVNGVCICFEGYAGADCSREICPVPCSEEHGTCVDGLCV CHDGFAGDDCN KPLCLNNCYN
Predicted 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

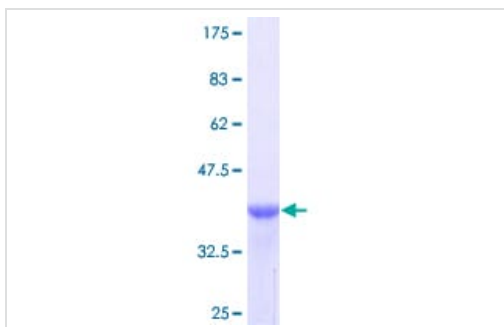
Preparation and Storage

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.

Images



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

SDS-PAGE - Recombinant Human Tenascin C protein (ab114943)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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