

Recombinant Mouse Tenascin/TNC Protein

Catalog No.: RP03577

Sequence Information

Species **Gene ID**
Mouse 21923

Swiss Prot **Tags**
Q80YX1-1 C-His

Synonyms

TN; Hexabrachion; Tenascin-C; TN-C; TNC; Hxb

Product Information

Source **Purification**
HEK293 cells > 95% as
 determined by
 Bis-Tris PAGE,>
 95% as
 determined by
 HPLC

Calculated MW **Observed MW**
65.65 kDa 70-80 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Dissolve the lyophilized protein in distilled water.

Background

Tenascin-C (TNC) is a hexameric, multimodular extracellular matrix protein with several molecular forms that are created through alternative splicing and protein modifications. It is highly conserved amongst vertebrates, and molecular phylogeny indicates that it evolved before fibronectin. Tenascin-C has many extracellular binding partners, including matrix components, soluble factors and pathogens; it also influences cell phenotype directly through interactions with cell surface receptors.

Basic Information

Description

Recombinant Mouse Tenascin/TNC Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly23-Ser621) of Mouse Tenascin/TNC (Accession #NP_001356140.1) fused with C-His tag.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

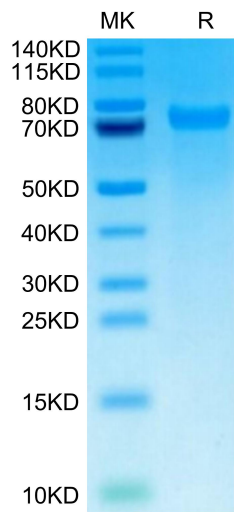
Contact

☎ | 400-999-6126

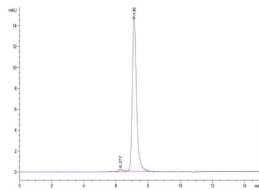
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Validation Data



Mouse Tenascin on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of Mouse Tenascin is greater than 95% as determined by SEC-HPLC.