Human Tenascin-C Protein, His Tag

Catalog # TEC-H52H3

Synonym

Tenascin C,TNC,FN3

Source

Human Tenascin-C Protein, His Tag(TEC-H52H3) is expressed from human 293 cells (HEK293). It contains AA Gln 2 - Asp 254 (Accession # A0A994J5G0). Predicted N-terminus: Gln 2

Molecular Characterization

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 29.3 kDa. The protein migrates as 40-65 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

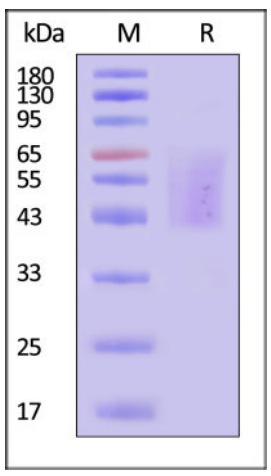
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human Tenascin-C Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With Star Ribbon Pre-stained Protein Marker).

Background

Tenascin-C [Source: HGNC Symbol; Acc: HGNC: 5318] come from database entries Ensembl: ENSP00000516086.1. This transcript has 6 exons, is annotated with 15 domains and features, is associated with 12220 variant alleles and maps to 170 oligo probes.

Clinical and Translational Updates