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TNXB Protein (His tag)



Overview



Quantity:	50 μg
Target:	TNXB
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNXB protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)
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Product Details

Characteristics:	• Recombinant human Tenascin-X / TNXB (full length, N-term HIS tag, transcript variant XB-S)
	protein expressed in E.coli.
	Produced with end-sequenced ORF clone

> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Purity:

Target:	TNXB
Alternative Name:	Tenascin-X,tnxb (TNXB Products)
Background:	This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects, as opposed to fibronectin which is adhesive. This protein
	is thought to function in matrix maturation during wound healing, and its deficiency has been
	associated with the connective tissue disorder Ehlers-Danlos syndrome. This gene localizes to

Target Details

the major histocompatibility complex (MHC) class III region on chromosome 6. It is one of four genes in this cluster which have been duplicated. The duplicated copy of this gene is incomplete and is a pseudogene which is transcribed but does not encode a protein. The structure of this gene is unusual in that it overlaps the CREBL1 and CYP21A2 genes at its 5&apos and 3&apos ends, respectively. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:

73.8 kDa

NCBI Accession:

NP_115859

Application Details

Application Notes: Recombinant human proteins can be used for:

Native antigens for optimized antibody production

Positive controls in ELISA and other antibody assays

Comment:

The tag is located at the N-terminal.

Restrictions:

For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze

immediately. Only 2-3 freeze thaw cycles are recommended.

116 ---

66 —

45 -

35 ---

25 ---

18

14 -

Western Blotting

Image 1. Validation with Western Blot