

Recombinant Human TNXB Protein, His-tagged

Cat. No. TNXB-607H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNXB, transcript variant XB-S, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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 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' and 3' ends, respectively. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	73.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name TNXB tenascin XB [Homo sapiens]

Official Symbol TNXB

Synonyms TNXB; tenascin XB; TNXB1, TNXB2; tenascin-X; TNXBS; XB; XBS; tenascin XB1; tenascin XB2; hexabrachion-like protein; growth-inhibiting protein 45; TNX; EDS3; HXBL; TENX; TN-X; TNXB1; TNXB2;

Gene ID 7148

mRNA Refseq NM_019105

Protein Refseq NP_061978

MIM 600985

UniProt ID P22105

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