



Recombinant Human Tenascin (TNC), partial

Product Code CSB-EP023954HU1a0

Relevance

Extracellular domain 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.

Abbreviation Recombinant Human TNC protein, partial

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Uniprot No. P24821

Alias Cytotactin;GMEMGP 150-225Glioma-associated-Extracellular domain matrix antigenHexabrachionJIMyotendinous antigenNeuronectin;Tenascin-C ;TN-C

Product Type Recombinant Protein

Immunogen Species Homo sapiens (Human)

Purity Greater than 90% as determined by SDS-PAGE.

Sequence DSPRDLTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVIVGPDTTSSY
SLADLSPSTHYTAKIQALNGPLRSNMIQTIFTTIGLLYPFKDCSQAMLNGDSTS
GLYTIYLNQDKAEALEVFCDMTSDGGGWIVFLRRKNGRENFYQNWKAYAAGF
GDRREEFWLGLDNLNKITAQQQYELRVDLRDHGETAFVYDKFSVGDAKTRY
KLKVEGYSGTAGDSMAYHNGRSFSTFDKDTDSAITNCALSYKGAFWYRNCHR
VNLMGRYGDNHNSQGVNWFHWKGHEHSIQFAEMKLRPSNFRNLEGRRKRA

Research Area Signal Transduction

Source E.coli

Target Names TNC

Expression Region 1888-2201aa

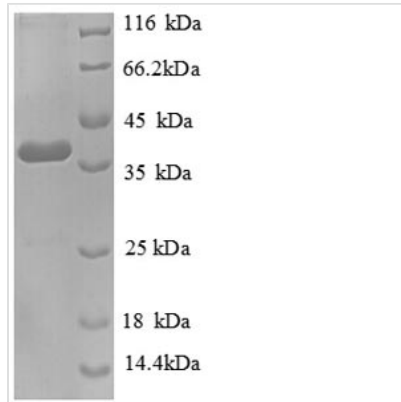
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info N-terminal 6xHis-tagged

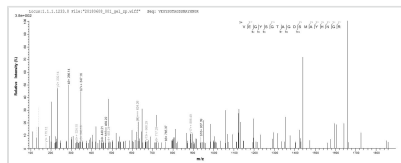
Mol. Weight 39.5kDa

Protein Length Partial

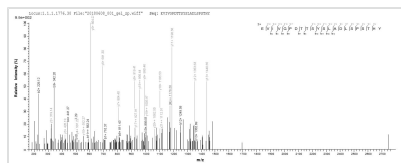
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-RP115094h(C) could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) TNC.



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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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