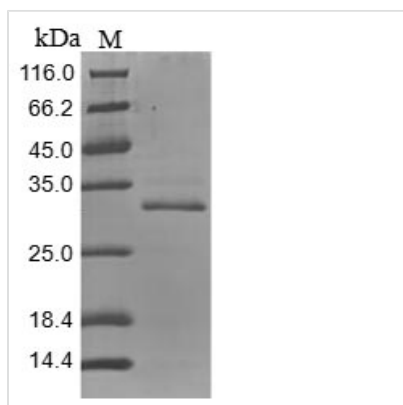


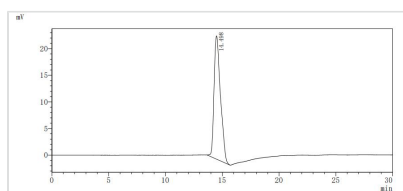


Recombinant Mouse Tenascin (Tnc), partial

Product Code	CSB-MP768917MO
Relevance	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth when provided to neurons in culture. May play a role in supporting the growth of epithelial tumors. Ligand for integrins ITGA8:ITGB1, ITGA9:ITGB1, ITGAV:ITGB3 and ITGAV:ITGB6. In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells
Abbreviation	Recombinant Mouse 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.	Q80YX1
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	GLLYPFPRDCSQAMLNGDTTSGLYTIYINGDKTQALEVYCDMTSDGGGWIVFL RRKNGREDFYRNWKAYAAGFGDRREEFWLGLDNLSKITAQQQYELRVLDLQD HGESAYAVYDRFSVGDAKSRYKLKVEGYSGTAGDSMNYHNGRSFSTYDKDT DSAITNCALSYKGAFWYKNCHRVNLMGRYGDNNHSQGVNWFHWKGHEYSIQ FAEMKL RPSN
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	Tnc
Protein Names	HexabrachionTenascin-CShort name:TN-C Hxb
Expression Region	1884-2099aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.8 kDa
Protein Length	Partial
Image	



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



The purity of Tnc was greater than 95% as determined by SEC-HPLC

Shelf Life

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.