

## Tetranectin/CLEC3B Protein, Mouse (HEK293, His)

<b>Cat. No.:</b>	HY-P76671
<b>Synonyms:</b>	TN; C-Type Lectin Domain Family 3 Member B; Plasminogen Kringle 4-Binding Protein; TNA
<b>Species:</b>	Mouse
<b>Source:</b>	HEK293
<b>Accession:</b>	P43025 (E22-V202)
<b>Gene ID:</b>	21922
<b>Molecular Weight:</b>	Approximately 25 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> E S P T P K A K K A   A N A K K D L V S S   K M F E E L K N R M   D V L A Q E V A L L K E K Q A L Q T V C   L K G T K V N L K C   L L A F T Q P K T F   H E A S E D C I S Q G G T L G T P Q S E   L E N E A L F E Y A   R H S V G N D A N I   W L G L N D M A A E G A W V D M T G G L   L A Y K N W E T E I   T T Q P D G G K A E   N C A A L S G A A N G K W F D K R C R D   Q L P Y I C Q F A I   V A H H H H H H           </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>The Tetranectin/CLEC3B protein demonstrates binding capabilities to plasminogen and isolated kringle 4. It is implicated in potential roles related to the packaging of molecules designated for exocytosis, suggesting a function in cellular secretion processes. Additionally, Tetranectin/CLEC3B plays a role in retinal function, indicating its involvement in ocular physiology. Structurally, it forms homotrimers, emphasizing its tendency to exist as trimeric complexes. The diverse binding capacities and proposed functions underscore the multifaceted nature of Tetranectin/CLEC3B, implicating its involvement in various molecular interactions and cellular processes.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA