

Tetranectin/CLEC3B Protein, Human (181a.a, HEK293, His)

Cat. No.:	HY-P7815
Synonyms:	rHuTetranectin/ CLEC3B, His; Tetranectin; TN; C-Type Lectin Domain Family 3 Member B; Plasminogen Kringle 4-Binding Protein; CLEC3B; TNA
Species:	Human
Source:	HEK293
Accession:	AAH11024.1 (E22-V202)
Gene ID:	7123
Molecular Weight:	Approximately 20.0 kDa

PROPERTIES

AA Sequence	<pre> E P P T Q K P K K I V N A K K D V V N T K M F E E L K S R L D T L A Q E V A L L K E Q Q A L Q T V C L K G T K V H M K C F L A F T Q T K T F H E A S E D C I S R G G T L G T P Q T G S E N D A L Y E Y L R Q S V G N E A E I W L G L N D M A A E G T W V D M T G A R I A Y K N W E T E I T A Q P D G G K T E N C A V L S G A A N G K W F D K R C R D Q L P Y I C Q F G I V </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<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.

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