

Recombinant Human CLEC3B/Tetranectin Protein (His Tag)



Catalog Number:PKSH030784

Note: Centrifuge before opening to ensure complete recovery of vial contents.

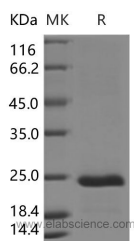
Description

Synonyms	Tetranectin; TN; C-Type Lectin Domain Family 3 Member B; Plasminogen Kringle 4-Binding Protein; CLEC3B; TNA
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Val 202
Accession	AAX37102.1
Calculated Molecular Weight	21.5 kDa
Tag	C-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Tetranectin (TN), also known as C-type lectin domain family 3, member B (CLEC3B) is a member of the C-type lectin Family. It is plasminogen kringle 4 binding protein and regulates fibrinolysis and proteolytic processes via binding to plasminogen. Tetranectin has been suggested to play a role in tissue remodeling, due to its ability to stimulate plasminogen activation and its expression in developing tissues such as developing bone and muscle. Tetranectin enhances plasminogen activation by a tissue-type plasminogen activator so that it has been suggested to play a role in tissue remodeling. Tetranectin may play a role in the wound healing process. Tetranectin may play a role in neurological diseases and may serve as a diagnostic aid in multiple sclerosis (MS). Tetranectin was found significantly under-expressed in both serum and saliva of metastatic oral squamous cell carcinoma (OSCC) compared to primary OSCC. Tetranectin is thought to enhance proteolytic processes enabling tumor cells to invade and metastasize.

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