

Recombinant Mouse Tetranectin/CLEC3B Protein

Catalog No.: RP03578

Sequence Information

Species	Gene ID
Mouse	
Swiss Prot	Tags
P43025	20-30 kDa

Synonyms

Clec3b, Tna, Tetranectin, TN, C-type lectin domain family 3 member B

Product Information

Source	Purification
HEK293 Cells	> 95 % as determined by SDS-PAGE.

Calculated MW/Observed MW

国内[In Stock] 20.7 KDa
外[3 to 5 weekdays]

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method.

Formulation

Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Tetranectin/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.

Basic Information

Description

Recombinant Mouse Tetranectin/CLEC3B Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met 1-Val 202) of Mouse Tetranectin/CLEC3B (Accession #NP_000032.1) fused with His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

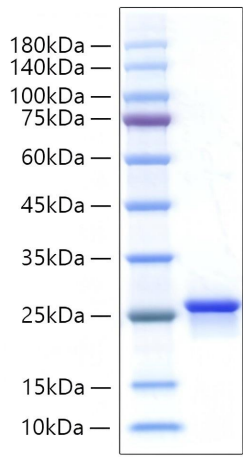
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Mouse Tetranectin/CLEC3B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.