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Recombinant Mouse Tetranectin/CLEC3B Protein

Catalog No.: RP03578 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse		P43025

Tags
C-His

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

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.

Product Information

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

Calculated MW	Observed MW
□□[In Stock] □□[3 to 5 weekdays]	20.7 KDa

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

Contact

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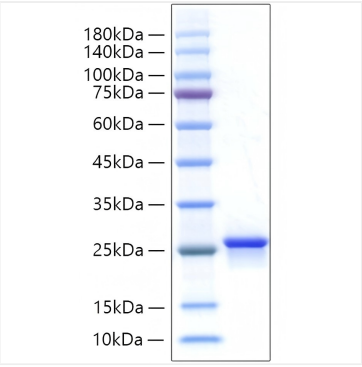
Validation Data



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

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