

Synonym

CLEC3B, Tetranectin, TN, TNA

Source

Human CLEC3B, His Tag, low endotoxin (CLB-H5226) is expressed from human 293 cells (HEK293). It contains AA Glu 22 - Val 202 (Accession # AAH11024).

Predicted N-terminus: Glu 22

Molecular Characterization

CLEC3B(Glu 22 - Val 202)	Poly-his
AAH11024	

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 21.1 kDa. The protein migrates as 22 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 0.1 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

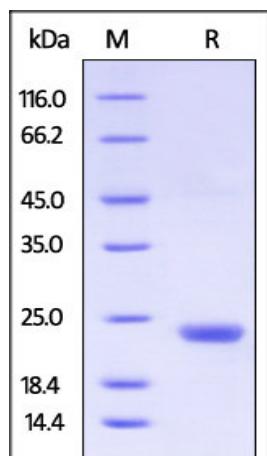
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE

Human CLEC3B, His Tag, low endotoxin on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Background

C-type lectin domain family 3 member B (CLEC3B) is also known as Tetranectin, Plasminogen kringle 4-binding protein, is a secreted homotrimer. CLEC3B contains 1 C-type lectin domain and mainly found in plasma. Tetranectin / CLEC3B binds to plasminogen and to isolated kringle 4. CLEC3B may be involved in the packaging of molecules destined for exocytosis. Decreased plasma Tetranectin or increased Tetranectin in stroma of cancers correlates with cancer progression and adverse prognosis.

References

- (1) [Fuhlendorff J., et al., 1987, Biochemistry 26:6757-6764.](#)
- (2) [Jaquinod M., et al., 1999, Biol. Chem. 380:1307-1314.](#)

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.