



Recombinant Protein Technical Manual

Recombinant Human CLEC3B/Tetranectin Protein (His Tag) RPES0663

Product Data:

Product SKU: RPES0663

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P05452

Protein Information:

Molecular Mass: 21.2 kDa

AP Molecular Mass: 20 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % 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 a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Tetranectin; TN; C-Type Lectin Domain Family 3 Member B; Plasminogen Kringle 4-Binding Protein; CLEC3B; TNA

Immunogen Information:

Sequence: Glu22-Val202

Background:

C-Type Lectin Domain Family 3 Member B (CLEC3B) is a serum and tissue protein and it contains a C-type lectin which binds to Ca^{++} . CLEC3B is originally found in plasma, the concentrations approximately 10mg/l. It can bind to kringle 4 of plasminogen and enhance the activation of plasminogen to plasmin, catalyzed by tissue plasminogen activator in the presence of poly-D-lysine. In addition, CLEC3B may be involved in the packaging of molecules destined for exocytosis. Also, CLEC3B is best known as a prognostic marker in ovarian cancer.