

32-7407: Recombinant Human CLEC3B/Tetranectin (C-6His)

Gene : CLEC3B

Gene ID : 7123

Uniprot ID : P05452

Description

Source: Human Cells.

MW :21.21kD.

Recombinant Human CLEC3B is produced by our Mammalian expression system and the target gene encoding Glu22-Val202 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : EPPTQKPKKIVNAKKDVVNTKMFEELKSRLDTLAQEVALLKEQQALQTVCLKGTVHMKCFLAFTQ
TKTFHEASEDCISRGGTLSTPQTGSENDALYEYLRQSVGNEAEIWLGLNDMAAEGTWVDMTGARI
AYKNWETEITAQPDGGKTENCAVLGAANGKWFDKRCRDQLPYICQFGIVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.