Datasheet for ABIN1096404

# CLEC3B Protein (AA 22-202) (His tag)

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## Overview

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| Quantity: | 50 µg |
| Target: | CLEC3B |
| Protein Characteristics: | AA 22-202 |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CLEC3B protein is labelled with His tag. |

## Product Details

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| Purpose: | Recombinant Human CLEC3B/Tetranectin (C-6His) |
| Sequence: | EPPTQKPKKI VNAKKDVVNT KMFEELKSRL DTLAQEVALL KEQQALQTVC LKGTKVHMKC FLAFTQTKTF HEASEDCISR GGTLSTPQTG SENDALYEYL RQSVGNEAEI WLGLNDMAAE GTWVDMTGAR IAYKNWETEI TAQPDGGKTE NCAVLSGAAN GKWFDKRCRD QLPYICQFGI VVDHHHHHH |
| Characteristics: | Recombinant Human C-Type Lectin Domain Family 3 Member B/CLEC3B produced by transfected human cells is a secreted protein with sequence (Glu22-Val202) of Human CLEC3B fused with a polyhistidine tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Sterility: | 0.2 µm filtered |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test |

## Target Details

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| Target: | CLEC3B |
| Alternative Name: | tetranectin (CLEC3B Products) |
| Sub Type: | Fusionprotein |
| Background: | C-Type Lectin Domain Family 3 Member B (CLEC3B) is a serum and tissue protein and it contais 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 plaminogen 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. Alternative Names: Tetranectin, TN, C-Type Lectin Domain Family 3 Member B, Plasminogen Kringle 4-Binding Protein, CLEC3B, TNA |
| Molecular Weight: | 21.21 kDa |
| UniProt: | P05452 |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | It is not recommended to reconstitute to a concentration less than 100 µg/mL.<br>Dissolve the lyophilized protein in ddH2O.<br>Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. |
| Storage: | 4 °C/-20 °C/-80 °C |
| Storage Comment: | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.<br>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 3 months |