

PRODUCT SPECIFICATION

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| Product Name | PrEST Antigen CACNA1B |
| Product Number | APrEST75323 |
| Gene Description | calcium channel, voltage-dependent, N type, alpha 1B subunit |
| Alternative Gene Names | CACNL1A5, CACNN, Cav2.2 |
| Corresponding Antibodies | Anti-CACNA1B (HPA022919), Anti-CACNA1B (HPA044347) |
| Description | Recombinant protein fragment of Human CACNA1B |
| Amino Acid Sequence | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: ALMIFDFYKQNKTTTRDQMQQAPGGLSQMGPVSLFHPLKATLEQTQPAVLR GARVFLRQKSSTSLNNGGAIQNESEGIKESVSWGTRTQDAPHE |
| Fusion Tag | N-terminal His ₆ ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G) |
| Expression Host | <i>E. coli</i> |
| Purification | IMAC purification |
| Predicted MW | 28 kDa including tags |
| Usage | Suitable as control in WB and preadsorption assays using indicated corresponding antibodies. |
| Purity | >80% by SDS-PAGE and Coomassie blue staining |
| Buffer | PBS and 1M Urea, pH 7.4. |
| Unit Size | 100 µl |
| Concentration | Lot dependent |
| Storage | Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles. |
| Notes | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. |

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