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Datasheet for ABIN7420549

CACNA1S Protein (AA 1657-1873) (His tag)

Overview

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| Quantity: | 100 µg |
| Target: | CACNA1S |
| Protein Characteristics: | AA 1657-1873 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CACNA1S protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC) |

Product Details

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| Sequence: | Ala1657-Leu1873 |
| Characteristics: | Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1S Subunit (CACNa1S), Prokaryotic expression, Ala1657-Leu1873, N-terminal His Tag |
| Purity: | > 95 % |

Target Details

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| Target: | CACNA1S |
| Alternative Name: | Calcium Channel, Voltage Dependent, L-Type, Alpha 1S Subunit (CACNA1S Products) |
| Background: | CACNL1A3, CCHL1A3, Cav1.1, HOKPP, MHS5, hypoPP, DHPR, Dihydropyridine Receptor, Voltage-gated calcium channel subunit alpha Cav1.1 |

Target Details

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| Molecular Weight: | 30kDa |
| UniProt: | Q13698 |
| Pathways: | Skeletal Muscle Fiber Development |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Isoelectric Point:6.2 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Buffer: | 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-80 °C |
| Storage Comment: | Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Expiry Date: | 12 months |