# Recombinant Human KCNQ1DN protein, GST-tagged

**Cat. No.** KCNQ1DN-278H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human KCNQ1DN protein(1-68 aa), fused with N-terminal GST tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-68 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **AA Sequence** | MGRKWSGPTAEHQLPMPPPGVRLDSWKGVASGCSPSKASQEARGKEKCPTLNGQ PQWSALFTLPPQRE |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |

## GENE INFORMATION

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| **Official Symbol** | KCNQ1DN |

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| **Synonyms** | KCNQ1DN; BWRT; HSA404617; KCNQ1 downstream neighbor (non-protein coding) |
| **Gene ID** | 55539 |
| **MIM** | 610980 |
| **UniProt ID** | Q9H478 |

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