# Recombinant Human ADRBK1 protein(Met1-Leu689), His&GST-tagged

**Cat. No.** ADRBK1-978H     **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ADRBK1 (NP_001610.2) (Met 1-Leu 689) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus. |
| **Source** | Insect Cells |
| **Species** | Human |
| **Tag** | N-His&GST |
| **Protein length** | Met1-Leu689 |
| **Form** | Lyophilized from sterile 50mM Tris, 500mM NaCl, 0.5mM GSH, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant human ADRBK1/GST chimera consists of 926 amino acids and has a calculated molecular mass of 107 kDa. It migRates as an approximately 110 kDa band in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store |

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it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | ADRBK1 adrenergic, beta, receptor kinase 1 [ Homo sapiens ] |
| **Official Symbol** | ADRBK1 |
| **Synonyms** | ADRBK1; adrenergic, beta, receptor kinase 1; beta-adrenergic receptor kinase 1; BARK1; GRK2; beta-ARK-1; G-protein coupled receptor kinase 2; BETA-ARK1; FLJ16718; |
| **Gene ID** | 156 |
| **mRNA Refseq** | NM_001619 |
| **Protein Refseq** | NP_001610 |
| **MIM** | 109635 |
| **UniProt ID** | P25098 |

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