

Recombinant Human GRK2 Protein (Asp398-Leu640), N-GST tagged

Cat. No. GRK2-2999H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GRK2 (Asp398-Leu640) protein fused with the N-GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp398-Leu640
Description	This gene encodes a member of the G protein-coupled receptor kinase family of proteins. The encoded protein phosphorylates the beta-adrenergic receptor as well as a wide range of other substrates including non-GPCR cell surface receptors, and cytoskeletal, mitochondrial, and transcription factor proteins. Data from rodent models supports a role for this gene in embryonic development, heart function and metabolism. Elevated expression of this gene has been observed in human patients with heart failure and Alzheimer's disease.
Molecular Mass	55.13 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer 0.01M PBS, pH 7.4, 0.02 % NLS

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name GRK2 G protein-coupled receptor kinase 2 [Homo sapiens (human)]

Official Symbol GRK2

Synonyms GRK2; G protein-coupled receptor kinase 2; BARK1; ADRBK1; BETA-ARK1; beta-adrenergic receptor kinase 1; adrenergic beta receptor kinase 1; beta-ARK-1; EC 2.7.11.15

Gene ID 156

mRNA Refseq NM_001619

Protein Refseq NP_001610

MIM 109635

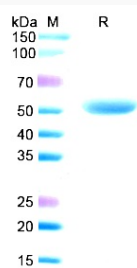
UniProt ID P25098

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SDS-PAGE



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