

Human GRK2 Knockdown Cell Lysate

Cat. No. GRK2-349HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GRK2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	80 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GRK2 KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Chemokine signaling pathway, Endocytosis
Lysate QC	RT-qPCR; Western Blotting (WB)
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA