

Recombinant Human GRK1 Protein, GST-tagged

Cat. No. GRK1-5352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRK1 partial ORF (NP_002920.1, 51 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates rhodopsin and initiates its deactivation. Defects in GRK1 are known to cause Oguchi disease 2 (also known as stationary night blindness Oguchi type-2). [provided by RefSeq]
Molecular Mass	36.63 kDa
AA Sequence	RDSLSLEFESVCLEQPIGKKLFQQFLQSAEKHLPALWWDIEDYDTADNDLQPQKA QTLAQYLDLPQAKLFCSFLDEGIVAKFKEGPVEIQDGLFQPLL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	GRK1 G protein-coupled receptor kinase 1 [Homo sapiens]
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Official Symbol	GRK1
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Synonyms	GRK1; G protein-coupled receptor kinase 1; rhodopsin kinase, RHOK; rhodopsin kinase; GPRK1; RK; RHOK;
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Gene ID	6011
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mRNA Refseq	NM_002929
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Protein Refseq	NP_002920
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MIM	180381
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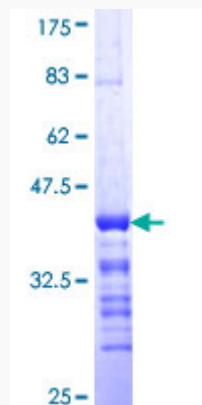
UniProt ID	Q15835
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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