

## Recombinant Human ADRBK2 Protein, GST-tagged

**Cat. No.** ADRBK2-386H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ADRBK2 full-length ORF ( AAH36797, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	68.31 kDa
<b>AA Sequence</b>	MADLEAVLADVSYLMAMEKSKATPAARASKRIVLPEPSIRSVMQKYLAERNEITFDKI FNQKIGFLLFKDFCLNEINEAVPQVKFYEEIKEYEKLDNEEDRLCRSRQIYDAYIMKEL LSCSHPFSKQAVEHVQSHLSKKQVTSTLFQPYIEEICESLRGDIFQKFMESDKFTRFC QWKNVELNIHLTMNEFSVHRIIGRGGFGEVYGCRKADTGKMYAMKCLDKKRIKMKQ GETLALNERIMLSLVSTGDCPFIVCMTYAFHTPDKLCFILDMNGGDLHYHLSQHG VF SEKEMRFYATEIILGLEHMHNRFVVYRDLK PANILLDEHGHARISDLGLACDFS KKKP HASVGTHGYMAPEVLQKGTAYDSSADWFS LGCMLFKLLRG
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ADRBK2 adrenergic, beta, receptor kinase 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">ADRBK2</a>
<b>Synonyms</b>	ADRBK2; adrenergic, beta, receptor kinase 2; beta-adrenergic receptor kinase 2; BARK2; GRK3; beta-ARK-2; G-protein-coupled receptor kinase 3;
<b>Gene ID</b>	<a href="#">157</a>
<b>mRNA Refseq</b>	<a href="#">NM_005160</a>
<b>Protein Refseq</b>	<a href="#">NP_005151</a>
<b>MIM</b>	<a href="#">109636</a>
<b>UniProt ID</b>	<a href="#">P35626</a>

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**Quality Control**

**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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