

# Recombinant Human ADRBK2 Protein, GST-tagged

**Cat. No.** ADRBK2-387H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Human ADRBK2 partial ORF ( AAH36797, 48 a.a. - 147 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>   | 36.63 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | AERNEITFDKIFNQKIGFLLFKDFCLNEINEAVPQVKFYEEIKEYEKLDNEEDRLCRSR<br>QIYDAYIMKELLSCSHPFQAVEHVQSHLSKKQVTSTLFQ                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| <b>Storage</b> | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
|----------------|--------------------------------------------------------------------------|

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|-----------------------|--------------------------------------------------------------------------|
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
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## GENE INFORMATION

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| <b>Gene Name</b> | ADRBK2 adrenergic, beta, receptor kinase 2 [ Homo sapiens ] |
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|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | ADRBK2 |
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|                 |                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <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; |
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| <b>Gene ID</b> | 157 |
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| <b>mRNA Refseq</b> | NM_005160 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_005151 |
|-----------------------|-----------|

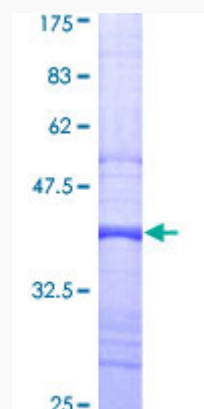
|            |        |
|------------|--------|
| <b>MIM</b> | 109636 |
|------------|--------|

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| <b>UniProt ID</b> | P35626 |
|-------------------|--------|

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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