

## Recombinant Human DAPK2 Protein, GST-tagged

**Cat. No.** DAPK2-2339H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DAPK2 partial ORF ( AAC35001, 281 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq, Jul 2008] |
| <b>Molecular Mass</b>   | 35.53 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | RHPWITPVDNQQAMVRRESVVNLENFRKQYVRRRWKLSFSIVSLCNHLTRSLMKKV<br>HLRPDEDLRNCESDTEEDIARRKALHPRRRSSTS                                                                                                                                                                                                                                                                                                                                                                             |
| <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.                                                                                                                                                                                                                                                                                                                                                                                                     |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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|----------------|--------------------------------------------------------------------------|
| <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. |
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## GENE INFORMATION

|                  |                                                          |
|------------------|----------------------------------------------------------|
| <b>Gene Name</b> | DAPK2 death-associated protein kinase 2 [ Homo sapiens ] |
|------------------|----------------------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | DAPK2 |
|------------------------|-------|

|                 |                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | DAPK2; death-associated protein kinase 2; DRP 1; MGC119312; DAP kinase 2; DAP-kinase-related protein 1 beta isoform; DRP1; DRP-1; |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 23604 |
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| <b>mRNA Refseq</b> | NM_014326 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_055141 |
|-----------------------|-----------|

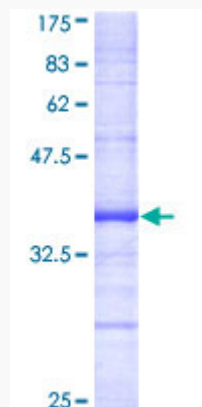
|            |        |
|------------|--------|
| <b>MIM</b> | 616567 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9UIK4 |
|-------------------|--------|

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

12.5% SDS-PAGE Stained with Coomassie Blue.

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