

## Recombinant Human ALPK2 Protein, GST-tagged

**Cat. No.** ALPK2-492H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ALPK2 partial ORF ( NP_443179, 201 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                             |
| <b>Description</b>      | ALPK2 (Alpha Kinase 2) is a Protein Coding gene. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein serine/threonine kinase activity. An important paralog of this gene is ALPK3. |
| <b>Molecular Mass</b>   | 37.73 kDa                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | DGTSSVTEQGRYKLPTAPEAAENDYPGIQGETRDSHQAREEFASDNLLNMDESVRE<br>TEMKLLSGESENSGMSQCWETAADKRVGGKDLWSKRGSRKSARVRQPGMKGNP                                                                                                                                      |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; 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.                                                                                                                                                                               |

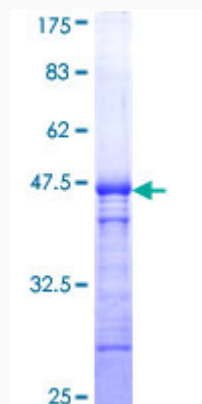
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## GENE INFORMATION

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ALPK2 alpha-kinase 2 [ Homo sapiens ]                                                                                                       |
| <b>Official Symbol</b> | ALPK2                                                                                                                                       |
| <b>Synonyms</b>        | ALPK2; alpha-kinase 2; alpha-protein kinase 2; HAK; heart alpha kinase; heart alpha-kinase; heart alpha-protein kinase; FLJ34875; FLJ43253; |
| <b>Gene ID</b>         | 115701                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_052947                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_443179                                                                                                                                   |
| <b>UniProt ID</b>      | Q86TB3                                                                                                                                      |



12.5% SDS-PAGE Stained with Coomassie Blue.

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