

## Recombinant Human ADCK1 Protein, GST-tagged

**Cat. No.** ADCK1-320H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ADCK1 full-length ORF ( NP_065154.2, 1 a.a. - 523 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | ADCK1 (AarF Domain Containing Kinase 1) 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 ADCK5.                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 86.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MARKALKLASWTSMALAASGIYFYSNKYLDPNDFGAVRVGRAVATTAVISYDYLTSL<br>KSVPYGSEEYLQLRSKVHLRSARRLCELCCANRGTFIKVGQHLGALDYLLPEEYTS<br>LKVLHSQAPQSSMQEIRQVIREDLGKEIHDLFQSFDDTPLGTASLAQVHKAVLHDGR<br>TVAVKVQHPKVRAQSSKDILLMEVLVLAVKQLFPEFEFMWLVDKAKNLPLEDFLN<br>EGRNAEKVSQMLRHFDLKVPRHWDLSTERVLLMEFVDGGQVNDRDYMERKNID<br>VNEISRHLGKMYSEMIFVNGFVHCDPHPGNVLVRKHPGTGKAEIVLLDHGLYQMLTE<br>EFRLNYCHLWQSLIWTDMKRVKEYSQRLGAGDLYPLFACMLTARSWDSVNRGISQ<br>APVTATEDLEIRNNAANYLPQISHLLNHVPRQMLLILKTNDLLRGIEAALGTRASASSF<br>LNMSRCCIRALAEHKKKNTCSFFRRTQISFSEAFNLWQINLHELILRVKGLKLADRVL<br>ALICWLFAPPL |

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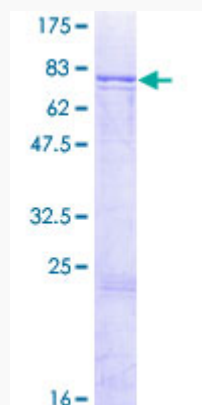
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <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.                                            |
| <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.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                   |
| <b>Gene Name</b>        | ADCK1 aarF domain containing kinase 1 [ Homo sapiens ]                                                            |
| <b>Official Symbol</b>  | ADCK1                                                                                                             |
| <b>Synonyms</b>         | ADCK1; aarF domain containing kinase 1; uncharacterized aarF domain-containing protein kinase 1; FLJ39600;        |
| <b>Gene ID</b>          | 57143                                                                                                             |
| <b>mRNA Refseq</b>      | NM_001142545                                                                                                      |
| <b>Protein Refseq</b>   | NP_001136017                                                                                                      |
| <b>UniProt ID</b>       | Q86TW2                                                                                                            |

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12.5% SDS-PAGE Stained with Coomassie Blue.

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