

## Recombinant Human SGK2, GST-tagged

**Cat. No.** SGK2-2631H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SGK2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-397aa                                                                                                                                                      |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SGK2 serum/glucocorticoid regulated kinase 2 [ Homo sapiens ]                                           |
| <b>Official Symbol</b> | SGK2                                                                                                    |
| <b>Synonyms</b>        | SGK2; serum/glucocorticoid regulated kinase 2; serine/threonine-protein kinase Sgk2; H-SGK2; dJ138B7.2; |
| <b>Gene ID</b>         | 10110                                                                                                   |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001199264                                                                                                                                                                           |
| <b>Protein Refseq</b>      | NP_001186193                                                                                                                                                                           |
| <b>MIM</b>                 | 607589                                                                                                                                                                                 |
| <b>UniProt ID</b>          | Q9HBY8                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 20q13.2                                                                                                                                                                                |
| <b>Pathway</b>             | Insulin Signaling, organism-specific biosystem;                                                                                                                                        |
| <b>Function</b>            | ATP binding; nucleotide binding; potassium channel regulator activity; protein serine/threonine kinase activity; sodium channel regulator activity; sodium channel regulator activity; |

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