

## Recombinant Human CSNK1E protein, His-tagged

**Cat. No.** CSNK1E-2746H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CSNK1E protein(P49674)(1-416aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-416aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 51.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | <p>MELRVGNKYRLGRKIGSGSFGDIYLGANIASGEEVAIKLECVKTKHPQLHIESKFYKM</p> <p>MQGGVGIPSIKWCGAEGDYNVMVMELLGPSLEDLFNFCSRKFSLKTVLLLADQMIS</p> <p>RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNL</p> <p>TGTARYASINTHLGIEQSRRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERISE</p> <p>KKMSTPIEVLC KGYPSEFSTYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSYDYV</p> <p>FDWNMLKFGAARNPEDVDRE RREHEREERMGQLRGSATRALPPGPPTGATANRL</p> <p>RSAAEPVASTPASRIQPAGNTSPRAISRVDRE RKVSMRLHRGAPANVSSSDLTGRQ</p> <p>EVSRI PASQTSVPFDHLGK</p> |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CSNK1E casein kinase 1, epsilon [ Homo sapiens ]                                                                         |
| <b>Official Symbol</b> | CSNK1E                                                                                                                   |
| <b>Synonyms</b>        | CSNK1E; casein kinase 1, epsilon; casein kinase I isoform epsilon; CKIE; CKIepsilon; HCKIE; CKIe; CKI-epsilon; MGC10398; |
| <b>Gene ID</b>         | 1454                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001894                                                                                                                |
| <b>Protein Refseq</b>  | NP_001885                                                                                                                |
| <b>MIM</b>             | 600863                                                                                                                   |
| <b>UniProt ID</b>      | P49674                                                                                                                   |

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