

## Recombinant Human NCK2 protein, His-SUMO-tagged

**Cat. No.** NCK2-3267H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NCK2 protein(O43639)(1-380aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-380aa                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>   | 58.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>MTEEVIVIAKWDYTAQQDQELDIKKNERLWLLDDSKTWWVRNAANRTGYVPSNYV</p> <p>ERKNSLKKGSLVKNLKDTLGLGKTRRKTSARDASPTPSTDAEYPANGSGADRIYDLN</p> <p>IPAFVKFAYVAEREDELSLVKGSRVTVMEKCSDGWWRGSYNGQIGWFPSNYVLEE</p> <p>VDEAAAESPSFLSLRKGASLSNGQGSRLHVVTLYPFSSVTEELNFEKGETMEVI</p> <p>EKPENDEPEWWKCKNARGQVGLVPKNYVVVLSDGPALHPAHAPQISYTGPPSSSGRF</p> <p>AGREWYYGNVTRHQAECALNERGVEGDFLIRDSESSPSDFSLSLKASGKNKHFKV</p> <p>QLVDNVYCIGQRRFHTMDELVEHYKKAPIFTSEHGKLYLVRALQ</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                      |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>       | NCK2 NCK adaptor protein 2 [ Homo sapiens ]                                                                                                                                                   |
| <b>Official Symbol</b> | NCK2                                                                                                                                                                                          |
| <b>Synonyms</b>        | NCK2; NCK adaptor protein 2; cytoplasmic protein NCK2; NCKbeta; SH2/SH3 adaptor protein NCK-beta; growth factor receptor-bound protein 4; noncatalytic region of tyrosine kinase, beta; GRB4; |
| <b>Gene ID</b>         | 8440                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001004720                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001004720                                                                                                                                                                                  |
| <b>MIM</b>             | 604930                                                                                                                                                                                        |
| <b>UniProt ID</b>      | O43639                                                                                                                                                                                        |

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