

# Recombinant Human SBK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SBK1-5285H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SBK1 MS Standard C13 and N15-labeled recombinant protein (NP_001019572) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | SBK1 (SH3 Domain Binding Kinase 1) is a Protein Coding gene. Diseases associated with SBK1 include Punctate Epithelial Keratoconjunctivitis and Corneal Ectasia. Gene Ontology (GO) annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is SBK3.                                                                                                              |
| <b>Molecular Mass</b>   | 46.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MSVGCPEPEPPRSLTCCGPGTAPGPGAGVPLLTEDMQALTLRTLAASDVTKHYELV<br>RELGKGTYGKVDLVVYKGTGTMALKFVNKSKTKLKNFLREVSITNSLSSSPFIKVF<br>DVVFETEDCYVFAQEYAPAGDLFDIIPPQVGLPEDTVKRCVQQLGLALDFMHGRQLV<br>HRDIKPENVLLFDRECRRVKLADFGMTRRVGCRVKRVSGTIPYTAPEVCQAGRADG<br>LAVDTGVDVWAFGVLIFCVLTGNFPWEAASGADAFEEFVRWQGRGLPGLPSQWR<br>RFTEPALRMFQRLLEPERRGPAKEVFRFLKHELTSELRRRPSHRARKPPGDRPP<br>AAGPLRLEAPGPKRTVLTESGSGSRPAPPAVGSVPLPVPVPVPVPVPVPVPEPGL<br>APQGPPGRTDGRADKSKGQVVLATAIEICVTRTRPLEQKLISEEDLAANDILDYKDDD |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | DKV                                                                                        |
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

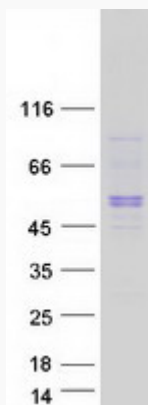
## GENE INFORMATION

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SBK1 SH3-binding domain kinase 1 [ Homo sapiens (human) ]                                           |
| <b>Official Symbol</b> | SBK1                                                                                                |
| <b>Synonyms</b>        | SBK1; SH3-binding domain kinase 1; serine/threonine-protein kinase SBK1; Sbk; SH3-binding kinase 1; |
| <b>Gene ID</b>         | 388228                                                                                              |
| <b>mRNA Refseq</b>     | NM_001024401                                                                                        |
| <b>Protein Refseq</b>  | NP_001019572                                                                                        |
| <b>UniProt ID</b>      | Q52WX2                                                                                              |

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**SDS-PAGE**

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