

## Recombinant Human JNK, GST-tagged

**Cat. No.** JNK-211H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human JNK 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>    | 1-427aa                                                                                                                                                           |
| <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>       | MAPK8?mitogen-activated protein kinase 8 [?Homo sapiens(human) ]                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | JNK                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | MAPK8; JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2; mitogen-activated protein kinase 8; MAP kinase 8; JUN N-terminal kinase; c-Jun N-terminal kinase 1; stress-activated protein kinase 1; stress-activated protein kinase 1c; mitogen-activated protein kinase 8 isoform JNK1 beta2; mitogen-activated protein |

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kinase 8 isoform JNK1 alpha1; EC 2.7.11.24

**Gene ID**

5599

**mRNA Refseq**

NM\_001278547

**Protein Refseq**

NP\_001265476

**MIM**

601158

**UniProt ID**

P45983

**Chromosome  
Location**

10q11.22

**Pathway**

AGE/RAGE pathway; ATF-2 transcription factor network; Activation of BH3-only proteins

**Function**

ATP binding; histone deacetylase binding; histone deacetylase regulator activity

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