

# Active Recombinant Full Length Human MAPK13 Protein, GST-tagged

**Cat. No.** MAPK13-1297HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human p38 $\delta$ [1-365(end) amino acids of accession number NP_002745.1] was expressed as N-terminal GST-fusion protein (69 kDa) using E. coli expression system. GST-p38 $\delta$ was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K6. Activated GST-p38 $\delta$ was purified using glutathione sepharose chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-365                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.                                                                                                                                            |
| <b>Purity</b>           | 87%                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                                                                                                                                           |

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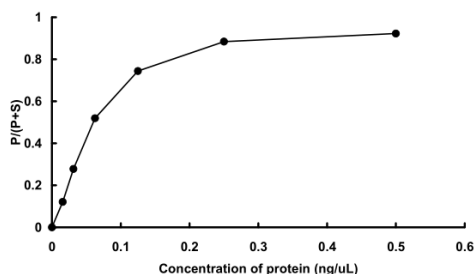
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                      |
|------------------------|--------------------------------------|
| <b>Gene Name</b>       | mitogen-activated protein kinase 13  |
| <b>Official Symbol</b> | MAPK13                               |
| <b>Synonyms</b>        | MAPK13;MAPK-13;PRKM13;SAPK4;p38delta |
| <b>Protein Refseq</b>  | <a href="#">NP_002745.1</a>          |
| <b>UniProt ID</b>      | <a href="#">O15264</a>               |

### Activity data

Activity data



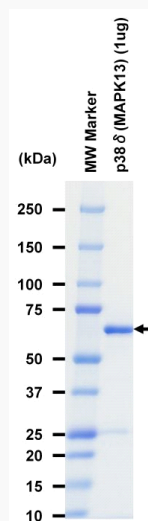
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## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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