

# Active Recombinant Full Length Human MAPK12 Protein, GST-tagged

**Cat. No.** MAPK12-9248HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human p38γ [1-367(end) amino acids of accession number NP_002960.2] was expressed as N-terminal GST-fusion protein (69 kDa) using E. coli expression system. GST-p38γ was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K6. Activated GST-p38γ was purified using glutathione sepharose chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-367                                                                                                                                                                                                                                                                                                                                                          |
| <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 determined by IMAP™ assay. The enzyme was incubated with fluorescein labeled peptide and phosphorylation was detected by IMAP™ technology (fluorescence polarization).                                                                                                                                                                        |
| <b>Purity</b>           | 97%                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

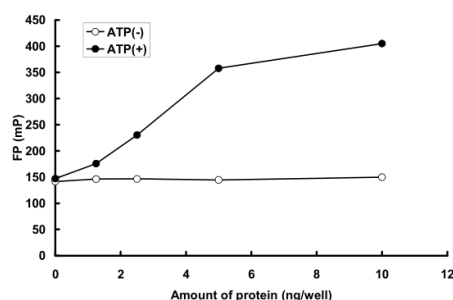
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| <b>Gene Name</b>       | mitogen-activated protein kinase 12                          |
| <b>Official Symbol</b> | MAPK12                                                       |
| <b>Synonyms</b>        | ERK-6;ERK3;ERK6;MAPK12;P38GAMMA;PRKM12;SAPK-3;SAPK3;p38gamma |
| <b>Protein Refseq</b>  | <a href="#">NP_002960.2</a>                                  |
| <b>UniProt ID</b>      | <a href="#">P53778</a>                                       |

### Activity data

Activity data



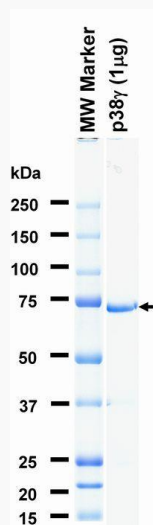
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## SDS-PAGE



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

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