

Recombinant Human MAPK12, Gly & Pro tagged

Cat. No. MAPK12-264H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant Human MAPK12 (P53778) (Met1-Leu367), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | 1-367 a.a. |
| Predicted N Terminal | Gly |
| Form | Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| Molecular Mass | The recombinant human MAPK12 consists of 369 amino acids and has a calculated molecular mass of 42.1 kDa. The recombinant protein migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 eu per µg of the protein as determined by the LAL method. |
| Purity | >95 % as determined by SDS-PAGE |
| Stability | Samples are stable for up to twelve months from date of receipt at -70oC. |
| Storage | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [MAPK12 mitogen-activated protein kinase 12 \[Homo sapiens \]](#)

Official Symbol MAPK12

Gene ID [6300](#)

mRNA Refseq [NM_002969](#)

Protein Refseq [NP_002960](#)

MIM [602399](#)

UniProt ID [P53778](#)

Chromosome Location 22q13.3

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