

Recombinant Human MAP4K2

Cat. No. MAP4K2-28743TH Lot. No. (See product label)

SPECIFICATION

| | |
|----------------------------|--|
| Product Overview | Recombinant full length Human Germinal Center Kinase with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system; amino acids 1-820, 125kDa. |
| Species | Human |
| ProteinLength | 1-820 a.a. |
| Description | The protein encoded by this gene is a member of the serine/threonine protein kinase family. Although this kinase is found in many tissues, its expression in lymphoid follicles is restricted to the cells of germinal centre, where it may participate in B-cell differentiation. This kinase can be activated by TNF-alpha, and has been shown to specifically activate MAP kinases. This kinase is also found to interact with TNF receptor-associated factor 2 (TRAF2), which is involved in the activation of MAP3K1/MEKK1. |
| Biological activity | The Specific activity of MAP4K2-28743TH was determined to be 290 nmol/min/mg. |
| Form | Liquid |
| Storage buffer | Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5 |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Full Length

Full L.

GENE INFORMATION

Gene Name

MAP4K2 mitogen-activated protein kinase kinase kinase 2 [Homo sapiens]

Official Symbol
[MAP4K2](#)
Synonyms

MAP4K2; mitogen-activated protein kinase kinase kinase 2; RAB8IP; BL44; GCK;

Gene ID
[5871](#)
mRNA Refseq
[NM_004579](#)
Protein Refseq
[NP_004570](#)
MIM
[603166](#)
Uniprot ID
[Q12851](#)
Chromosome Location

11q13.1

Pathway

Insulin Signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; TNF receptor signaling pathway, organism-specific biosystem;

Function

ATP binding; ATP binding; mitogen-activated protein kinase kinase kinase binding; nucleotide binding; protein binding;

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

 Email: info@creative-biomart.com
 Fax: 1-631-938-8127

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