

Datasheet for ABIN7317061

**MAP4K2 Protein (GST tag,His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	MAP4K2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP4K2 protein is labelled with GST tag,His tag.

## Product Details

Purpose:	Recombinant Human MAP4K2/GC Kinase Protein (His & GST Tag)
Sequence:	Met 1-Tyr 812
Characteristics:	A DNA sequence encoding the human MAP4K2 (AAH47865.1) (Met 1-Tyr 812) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 87 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	MAP4K2
Alternative Name:	MAP4K2/GC Kinase ( <a href="#">MAP4K2 Products</a> )
Background:	Background: Mitogen-activated protein kinase kinase kinase kinase 2, also known as B lymphocyte serine/threonine-protein kinase, Germinal center kinase, MAPK/ERK kinase kinase kinase 2, MEK kinase kinase 2, Rab8-interacting protein and MAP4K2, is a cytoplasm and

## Target Details

peripheral membrane protein which belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. MAP4K2 contains one CNH domain and one protein kinase domain. 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. MAP4K2 can be activated by TNF-alpha, and has been shown to specifically activate MAP kinases. It is also found to interact with TNF receptor-associated factor 2 (TRAF2), which is involved in the activation of MAP3K1 / MEKK1. MAP4K2 enhances MAP3K1 oligomerization, which may relieve amino-terminal mediated MAP3K1 autoinhibition and lead to activation following autophosphorylation. It may also play a role in the regulation of vesicle targeting or fusion.

Synonym: BL44;GCK;MAP4K2;RAB8IP

Molecular Weight: 119 kDa

## Application Details

Restrictions: For Research Use only

## Handling

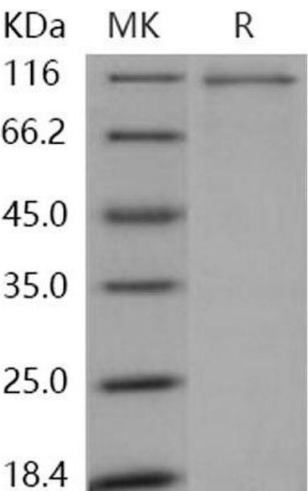
Format: Frozen, Liquid

Buffer: Supplied as sterile 50 mM Tris, 100 mM NaCl, pH 8.0

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

## Images



### Western Blotting

Image 1.