

Recombinant Human MAP3K15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAP3K15-2585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

MAP3K15 MS Standard C13 and N15-labeled recombinant protein (NP_001001671) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses.

Molecular Mass

89.4 kDa

AA Sequence

MACLTHRNETDARMEFYSLFHKGKAGVQWHDLGSLQPLPPRFKRFSCLSLQSSW
 DYSLSKFDERCCFLYVHDNSDDFQIYFSTEEQCSRFFSLVKEMITNTAGSTVELEGE
 TDGDTLEYEYDHDANGERVVLGKGTYGIVYAGRDLSNQVRIAIKEIPERDSRYSQPL
 HEEIALHKYLNKRNIVQYLGVSSENGYIKIFMEQVPGGSLALLRSKWGPMKEPTIKF
 YTKQILEGLKYLHENQIVHRDIKGDNLVNTYSGVVKISDFGTSKRLAGVNPCTETFT
 GTLQYMAPEIIDQGPRGYGAPADIWSLGCTIEMATSKPPFHELGEQAAMFKVGMF
 KIHPEIPEALSAEARAFILSCFEPDPHKRATTAELLREGFLRQVNKGKKNRIAFKPSEG

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PRGVVLALPTQGEPMATSSSEHGSVSPDSDAQPDALFERTRAPRHHLGHLLSVPDE
 SSALEDRGLASSPEDRDQGLFLLRKDSERRAILYKILWEEQNQVASNLQECVAQSSE
 ELHLSVGHKQIIGILRDFIRSPEHRVMATTISKLVLDLDFDSSSISQIHLVLFQDAVN
 KILRNHLIRPHWMFAMDNIIRRAVQAAVTILPELRAHFPTCETEGVDKDMDEAEEG
 YPPATGPGQEAQPHQQHLSLQLGELRQETNRLLEHLVEKEREYQNLLRQTLEQKTQ
 ELYHLQLKLSNCITENPAGPYGQRTDKELIDWLRLQGADAKTIEKIVEEGYTLSDILN
 EITKEDLRYLRLRGLLCRLWSAVSQYRRAQEASETKDKATRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [MAP3K15 mitogen-activated protein kinase kinase kinase 15 \[Homo sapiens \(human\) \]](#)

Official Symbol [MAP3K15](#)

Synonyms MAP3K15; mitogen-activated protein kinase kinase kinase 15; bA723P2.3; FLJ16518; MEKK 15; MEK kinase 15; MAPK/ERK kinase kinase 15; apoptosis signal-regulating kinase 3; ASK3;

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Gene ID 389840

mRNA Refseq NM_001001671

Protein Refseq NP_001001671

MIM 300820

UniProt ID Q6ZN16

SDS-PAGE



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