

Recombinant Human PI4K2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PI4K2B-3383H Lot. No. (See product label)

SPECIFICATION

Product Overview

PI4K2B MS Standard C13 and N15-labeled recombinant protein (NP_060793) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of the type II PI4 kinase protein family. The encoded protein is primarily cytosolic and contributes to overall PI4-kinase activity along with other protein family members. This protein is involved in early T cell activation.

Molecular Mass

54.8 kDa

AA Sequence

MEDPSEPDRLASADGGSPREEEDGEREPLLPRIAWAHPRRGAPGS AVRLLDAAGE
 EGEAGDEELPLPPGDVGVSRSSPAELDRSRPAVSVTIGTSEMNAFLDDPEFADIMLR
 AEQAIEVGIFPERISQGSSGSYFVKDPKRKIIGVFKPKSEEPYQQLNPKWTKYVHKVC
 CPCCFGRGCLIPNQGYLEAGAYLVDNKLHLSIVPKTKVVWLVSETFNNAIDRAKS
 RGKKYALEKVPKVGGRKFHRIGLPPKIGSFQLFVEGYKEAEYWLKFEADPLPENIRK
 QFQSQFERLVILDYIIRNTDRGNDNWLVRYEKQKCEKEIDHKESKWIDDEEFLIKIAAI
 DNGLAFPFKHPDEWRAYPFHWAWLPQAKVPFSEEIRNLILPYISDMNFVQDLCEDLY
 ELFKTDKGFDKATFESQMSVMRGQILNLTQALRDGKSPFQLVQIPCIVIVERSQGGSSQ
 GRIVHLSNSFTQTVNCRKPPFSSWTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

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

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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	PI4K2B phosphatidylinositol 4-kinase type 2 beta [Homo sapiens (human)]
Official Symbol	PI4K2B
Synonyms	PI4K2B; phosphatidylinositol 4-kinase type 2 beta; phosphatidylinositol 4-kinase type 2-beta; FLJ11105; PI4KII B; PIK42B; PI4KII-BETA; phosphatidylinositol 4-kinase type II-beta; phosphatidylinositol 4-kinase type-II beta;
Gene ID	55300
mRNA Refseq	NM_018323
Protein Refseq	NP_060793
MIM	612101
UniProt ID	Q8TCG2

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SDS-PAGE



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