

Recombinant Human RAPH1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAPH1-6598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAPH1 MS Standard C13 and N15-labeled recombinant protein (NP_976241) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to the Mig10/Rap1-interacting adaptor molecule/Lamellipodin family of adapter proteins, which function in cell migration. Members of this family contain pleckstrin-homology domains, Ras-association domains, and proline-rich C-termini. The protein encoded by this gene regulates actin dynamics through interaction with Ena/Vasodilator proteins as well as direct binding to filamentous actin to regulate actin network assembly. Alternative splicing results in multiple transcript variants.
Molecular Mass	72.7 kDa
AA Sequence	MEQLSDEEIDHGAEEDSDKEDQDLDKMFGAWLGELDKLTQSLDSDKPMEPVKRSP LRQETNMANFSYRFSIYNLNEALNQGETVDLDALMADLCSIEQELSSIGSGNSKRQIT ETKATQKLPVSRHTLKHGTLKGLSSSSNRIAKPSHASYSLDDVTAQLEQASLSMDEA AQQSVLEDTKPLVTNQHRRTASAGTVSDAEVHSISNSSHSSITSAASSMDSLIDIKV TRPQELDLTHQGQPITEHAISLRCSSKQAKRHIDFTEEQAELTPHSYLDRETSLLLRNI AGKPSHLLTKEEQAAKLKAEKIRVALEKIKEAQVKKLVIRVHMSDDSSKTMMVDERQ

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TVRQVLDNLMDKSHCGYSLDWSLVETVSELQMERIFEDHENLVENLLNWTRDSQN
 KLIFMERIEKYALFKNPQNYLLGKKETAEMADRNKEVLLLEECFCGSSVTVP EIEGV LW
 LKDDGKKS WKKRYFLLRASGIYYVPKGKAKVSRDLVCFLQLDHVNVYYGQDYRNKY
 KAPTDYCLVLKHPQIQKKSQYIKYLCCDDVRTLHQWVNGIRIAKYGKQLYMNYQEAL
 KRTE SAYDWTSLSSSSIKSGSSSSSIPESQSNHSNQSDSGVSDTQPAGHVRSQSIV
 SSVFSEAWKRG TQLEESSKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 RAPH1 Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 [Homo sapiens (human)]

Official Symbol RAPH1

Synonyms LPD; RMO1; PREL2; PREL-2; ALS2CR9; ALS2CR18; RalGDS/AF-6

Gene ID 65059

mRNA Refseq NM_203365

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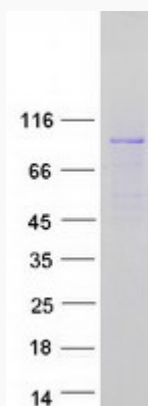
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Protein Refseq NP_976241

MIM 609035

UniProt ID Q70E73

SDS-PAGE



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