

Product datasheet for PH316153

RAPH1 (NM_203365) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAPH1 MS Standard C13 and N15-labeled recombinant protein (NP_976241)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216153
Predicted MW:	72.7 kDa
Protein Sequence:	>RC216153 representing NM_203365 Red =Cloning site Green =Tags(s)

MEQLSDEEIDHGAEDSDKEDQDLDMFGAWLGELDKLTQSLDSDKPMEPVKRSPLRQETNMANFSYRFS
 IYNLNEALNQGETVDLDALMADLCSIEQELSSIGSGNSKRQITETKATQKLPVSRHTLKHGTLKGLSSSS
 NRIAKPSHASYSLLDDVTAQLEQASLSMDEAAQQSVLEDTKPLVTNQHRRASAGTVSDAEVHSISNSSHS
 SITSAASSMDSLIDKVTREPQELDLTHQGQPI TEHAISLRCSKQAKRHIDFTEEQAE LTPHSYLDRETS
 LLLRNIAGKPSHLLTKEEQAAKLKAEKIRVALEKIKEAQVKKL VIRVHMSDDSSKTMVDERQTVRQVLD
 NLMDKSHCGYSLDWSLVETVSELQMERIFEDHENLVENLLNWTRDSQNKLI FMERIEKYALFKNPQNYLL
 GKKETAEMADRNKEVLL EECFCGSSVTPEIEGVLWLKDDGKKS WKRYFLLRASGIYYVPKGKAKVSRD
 LVCFLQLDHNVVYGGQDYRNKYKAPT DYCLVLKHPQIQKKSQYIKYLCCDDVRTLHQWVNGIRIAKYGKQ
 LYMNQYQALKRTE SAYDWTSLSSSSIKSGSSSSSIPESQSNHSNQSDSGVSDTQPAGHVRSQSIVSSVFS
 EAWKRG TQLEESSK

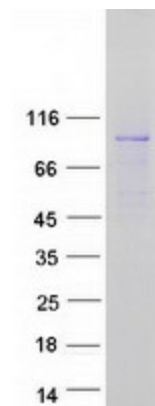
TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_976241
RefSeq Size:	2782


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RefSeq ORF:	1932
Synonyms:	ALS2CR9; ALS2CR18; LPD; PREL-2; PREL2; RaIGDS/AF-6; RMO1
Locus ID:	65059
UniProt ID:	Q70E73
Cytogenetics:	2q33.2
Summary:	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. [provided by RefSeq, Jul 2016]

Product images:



Coomassie blue staining of purified RAPH1 protein (Cat# [TP316153]). The protein was produced from HEK293T cells transfected with RAPH1 cDNA clone (Cat# [RC216153]) using MegaTran 2.0 (Cat# [TT210002]).