

Product datasheet for PH307542

RACGAP1 (NM_013277) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RACGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_037409)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207542
Predicted MW:	71 kDa
Protein Sequence:	>RC207542 protein sequence Red=Cloning site Green=Tags(s)

MDTMMMLNVRNLFELVRRVEILSEGNEVQFIQLAKDFEDFRKKWQRTDHELKGYKDLLMKAETERSALDV
KLNKARNQVDVEIKRRQRAEADCEKLERQIQLIREMLMCDTSGSIQLSEEQKALAFNLRGQPSSSNAGN
KRLSTIDESGSIKSDISFDKTDESLEDWSSLVKTFKLLKREKRRSTSRQFVDGPPGPVKTRSIGSAVDQ
GNESIVAKTTVTPNDGGPIEAVSTIETVPYWTRSRRKTGTLQPWNSDSTLNSRQLEPRTEETDSVGTQPS
NGMRLHDFVSKTVIKPESCVPCGKRIKFGKLSLKRDCRVVSHPECRDRCLPCIPTLIGTPVKIGEGM
LADFVSQTSMPMIPSIIVHVCVNEIEQRGLTETGLYRISGCDRTVKELKEKFLRVKTVPLLSKVDDIHAICS
LLKDFLRNLKEPLLTFRLNRAFMAAEITDEDNSIAAMYQAVGELPQANRDTLAFMIHLQRVAQSPHTK
MDVANLAKVFGPTIVAHAVPNPDPVTMLQDIKQPKVVERLLSLPLEYWSQFMMVEQENIDPLHVIENSN
AFSTPQTPDIKVSLLGPVTTPEHQLLTKTPSSSSLSQRVRSSTLTKNTPRFGSKSKSATNLGRQGNFFASPM
LK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_037409
RefSeq Size:	3315



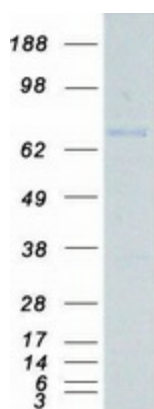
[View online »](#)

RefSeq ORF:	1896
Synonyms:	CYK4; HsCYK-4; ID-GAP; MgcRacGAP
Locus ID:	29127
UniProt ID:	Q9H0H5 , A0A024R136
Cytogenetics:	12q13.12

Summary: This gene encodes a GTPase-activating protein (GAP) that is a component of the centralspindlin complex. This protein binds activated forms of Rho GTPases and stimulates GTP hydrolysis, which results in negative regulation of Rho-mediated signals. This protein plays a regulatory role in cytokinesis, cell growth, and differentiation. Alternatively spliced transcript variants have been found for this gene. There is a pseudogene for this gene on chromosome 12. [provided by RefSeq, Feb 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RACGAP1 protein (Cat# [TP307542]). The protein was produced from HEK293T cells transfected with RACGAP1 cDNA clone (Cat# [RC207542]) using MegaTran 2.0 (Cat# [TT210002]).