

## Product datasheet for TP326046L

### RACGAP1 (NM\_001126104) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rac GTPase activating protein 1 (RACGAP1), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226046 protein sequence Red=Cloning site Green=Tags(s)

MDTMMLNVRNLFELVRRVEILSEGNEVQFIQLAKDFEDFRKKWQRTDHELKGYKDLLMKAETERSALDV  
KLKHARNQVDVEIKRRQRAEADCEKLERQIQLIREMLMCDTSGSIQLSEEQKSALAFNLRGQPSSSNAGN  
KRLSTIDESGSILSDISFDKTDESLEDWSSLVKTFKLLKREKRRSTRQFVDGPPGPVKKTRSIGSAVDQ  
GNESIVAKTTVTPNDGGPIEAVSTIETVPYWTRSRRKTGTLQPWNSDSTLNSRQLEPRTETDSVGTQPQS  
NGGMRLHDFVSKTVIKPESCVPCGKRIKFGKLSLKRDCRVVSHPECRDRCLPCIPTLIGTPVKIGEGM  
LADFVSQTSPMIPSIVVHCVNEIEQRGLTETGLYRISGCDRTVKELKEKFLRVKTVPLLSKVDDIHAICS  
LLKDFLRNLKEPLLTFRLNRAFMEAAEITDEDNSIAAMYQAVGELPQANRDTLAFLMIHLQRVAQSPHTK  
MDVANLAKVFGPTIVAHAVPNPDPVTMLQDIKRQPKVVERLLSLPLEYWSQFMMVEQENIDPLHVIENSN  
AFSTPQTPDIKVSLLGPVTTPEHQLLKTPSSSSLSQRVRSSTLTKNTPRFGSKSKSATNLGRQGNFFASPM  
LK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

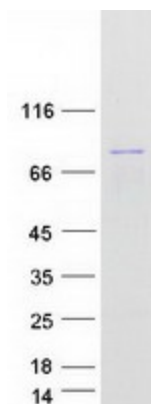
Tag:	C-Myc/DDK
Predicted MW:	70.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001119576</a>
<b>Locus ID:</b>	29127
<b>UniProt ID:</b>	<a href="#">Q9H0H5</a> , <a href="#">A0A024R136</a>
<b>RefSeq Size:</b>	3206
<b>Cytogenetics:</b>	12q13.12
<b>RefSeq ORF:</b>	1896
<b>Synonyms:</b>	CYK4; HsCYK-4; ID-GAP; MgcRacGAP
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified RACGAP1 protein (Cat# [TP326046]). The protein was produced from HEK293T cells transfected with RACGAP1 cDNA clone (Cat# [RC226046]) using MegaTran 2.0 (Cat# [TT210002]).