

## Product datasheet for TP307848L

### RASA3 (NM\_007368) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAS p21 protein activator 3 (RASA3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207848 protein sequence Red=Cloning site Green=Tags(s)

MAVEDEGLRVFQSVKIKIGEAKNLPSPGSKMRDCYCTVNLQEEVFRTKIVEKSLCPFYGEDFYCEIP  
RSFRHLSFYIFDRDVFRRDSIIGKVAIQKEDLQKYHNRDTWFQLQHVDADSEVQGVHLELRLSEVITDT  
GVVCHKLATRIVECQGLPIVNGQCDPYATVTLAGPFRSEAKTKVKKRTNPNQFDEVFYFEVTRPCSYSK  
KSHFDFFEEEDVDKLEIRVDLWNASNLKFGDEFLGELRIPLKVLQRQSSSYEAWYFLQPRDNGSKSLKPDLL  
GSLRLNVVYTEDHVFSSDYYSPLRDLKLLKSADVEPVSASAAHILGEVCREKQEAAPLVRLFLHYGRVVP  
FISAIASAEVKRTQDPNTIFRGNSLASKCIDETMKLAMHYLHVTLKPAIEEICQSHKPCEIDPVKLDG  
ENLENNMENLRQYVDRVFHAITESGVSCPTVMCDIFFSLREAAAKRFQDDPDVRYTAVSSFIFLRFAPAA  
ILSPNLFQLTPHHTDPQTSRTLTLISKTVQTLGSLSKSKSASFKESYMATFYEFFNEQKYADAVKNFLDL  
ISSGRRDPKSVEQPIVLKEGFMKRAQGRKRFGMKNFKRWFRRLTNHEFTYHKSQGDQPLYSIPIENIL  
AVEKLEEEESFKMKNMFQVIQPERALYIQANNCVEAKDWIDILTKVSQCNQKRLTVYHPSAYLSGHWLCCR  
APSDSAPGCSPCTGGLPANIQLDIDGDRETERIYSLFNLYMSKLEKMQEACGSKSVYDGPQEYESTFVI  
DDPQETYKTLKQVIAGVGALEQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYIRQQSETSTHSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

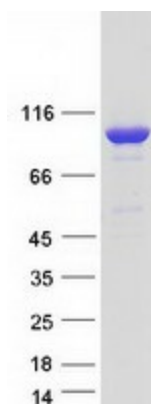
Tag:	C-Myc/DDK
Predicted MW:	95.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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<b>Storage:</b>	Store at -80°C.
<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_031394</a>
<b>Locus ID:</b>	22821
<b>UniProt ID:</b>	<a href="#">Q14644</a>
<b>RefSeq Size:</b>	4220
<b>Cytogenetics:</b>	13q34
<b>RefSeq ORF:</b>	2502
<b>Synonyms:</b>	GAP1IP4BP; GAPIII
<b>Summary:</b>	This gene encodes a protein that binds inositol 1,3,4,5-tetrakisphosphate and stimulates the GTPase activity of Ras p21. This protein functions as a negative regulator of the Ras signalling pathway. It is localized to the cell membrane via a pleckstrin homology (PH) domain in the C-terminal region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

### Product images:



Coomassie blue staining of purified RASA3 protein (Cat# [TP307848]). The protein was produced from HEK293T cells transfected with RASA3 cDNA clone (Cat# [RC207848]) using MegaTran 2.0 (Cat# [TT210002]).