

Product datasheet for **TP307848**

RASA3 (NM_007368) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAS p21 protein activator 3 (RASA3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207848 protein sequence Red =Cloning site Green =Tags(s)

MAVEDEGLRVFQSVKIKIGEAKNLPSPGSKMRDCYCTVNLQEEVFRTKIVEKSLCPFYGEDFYCEIP
RSFRHLSFYIFDRDVFRRDSIIGKVAIQKEDLQKYHNRDTWFQLQHVDADSEVQGVHLELRLSEVITDT
GVVCHKLATRIVECQGLPIVNGQCDPYATVTLGAPFRSEAKTKVKKRTNPNQFDEVFYFEVTRPCSYSK
KSHFDFFEEEDVDKLEIRVDLWNASNLKFGDEFLGELRIPLKVLQRQSSSYEAWYFLQPRDNGSKSLKPPDDL
GSLRLNVVYTEDHVFSSDYYSPLRDLKLLKSADVEPVSAASAHILGEVCREKQEAAPVPLVRLFLHYGRVVP
FISAIASAEVKRTQDPNTIFRGNSLASKCIDETMKLGMHYLHVTLKPAIEEICQSHKPCEIDPVKLDG
ENLENNMENLRQYVDRVFHAITESGVSCPTVMCDIFFSLREAAAKRFQDDPDVRYTAVSSFIFLRFPPA
ILSPNLFQLTPHHTDPQTSRTLTLISKTVQTLGSLSKSKSASFKESYMATFYEFFNEQKYADAVKNFLDL
ISSGRRDPKSVEQPIVLKEGFMIKRAQGRKRFGMKNFKRWFRRLTNHEFTYHKSQGDQPLYSIPIENIL
AVEKLEEEESFKMKNMFQVIQPERALYIQANNCVEAKDWIDILTKVSQCNQKRLTVYHPSAYLSGHWLCCR
APSDSAPGCSPCTGGLPANIQLDIDGDRETERIYSLFNLYMSKLEKMQEACGSKSVYDGPEQEEYSTFVI
DDPQETYKTLKQVIAGVGALEQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYIRQQSETSTHSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

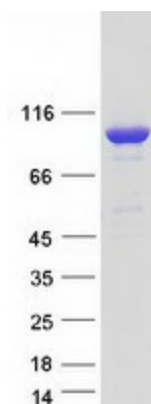
Tag:	C-Myc/DDK
Predicted MW:	95.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031394
Locus ID:	22821
UniProt ID:	Q14644
RefSeq Size:	4220
Cytogenetics:	13q34
RefSeq ORF:	2502
Synonyms:	GAP1IP4BP; GAPIII
Summary:	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]).