

Product datasheet for PH307848

RASA3 (NM_007368) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RASA3 MS Standard C13 and N15-labeled recombinant protein (NP_031394)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207848
Predicted MW:	95.7 kDa
Protein Sequence:	>RC207848 protein sequence Red=Cloning site Green=Tags(s)

MAVEDEGLRVFQSVKIKIGEAKNLPSPYGP SKMRDCYCTVNL DQEEVFR TKIVEKSLCPFYGEDFYCEIP
RSFRHLSFYIFDRDVFR RDSIIIGKVAIQKEDLQKYHNRDTWFLQHVDADSEVQGVHLELRLSEVITDT
GVVCHKLATRIVECQGLPIVNGQCDPYATVTLAGPFRSEAKKTKV KRKTNNPQFDEVFYFEVTRPCSYSK
KSHFD FEEEDVDKLEIRVDLWNASNLKFGDEF LGELRIPLKVL RQSSSYEAWYFLQPRDNGSKSLKPDDL
GSLRLNVVYTEDHVFSSDYYSPLRDL LK SADV EPVSASAAHILGEVCREKQEA AVPLVRLFLHYGRVVP
FISAIASAEVKRTQDPNTIFRGNLASKCIDETM KLAGMHYLVTLKPAIEEICQSHKPC EIDPVKLDKG
ENLENNMENLRQYVDRVFHAITESGV S CPTVMCDIFFSLREAAAKRFQDDPDVRYTAVSSFI FLRFFAPA
ILSPNFLQLTPHHTDPQTSRTL TLI SKTVQTLGSLSKSKSASFKE SYMATFYEF FNEQKYADAVKNFLDL
ISSSGRRDPKSVEQPIVLKEGFMIKRAQGRKRF G MKNFKRWFRLTNHEFTYHKSKGDQPLYSIPIENIL
AVEKLEEFESFKMKNMFQVIQPERALYIQANNCVEAKDWIDILTKV S QCNQKRLTVYHPSAYL SGHWLCCR
APSDSAPGCSPECTGGLPANIQLDIDGDRETERIYSLFNL YMSKLEKMQEACGSKSVYDGP EQEEYSTFVI
DDPQETYKTLKQVIAGVGALEQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYIRQSETSTHSI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_031394

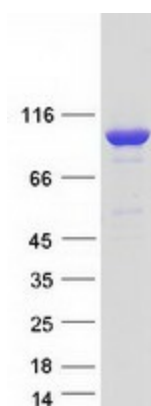


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RefSeq Size:	4220
RefSeq ORF:	2502
Synonyms:	GAP1IP4BP; GAPIII
Locus ID:	22821
UniProt ID:	Q14644
Cytogenetics:	13q34

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]).