

Product datasheet for PH322412

SH3D20 (ARHGAP27) (NM_199282) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARHGAP27 MS Standard C13 and N15-labeled recombinant protein (NP_954976)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222412
Predicted MW:	61.7 kDa
Protein Sequence:	>RC222412 protein sequence Red =Cloning site Green =Tags(s)

MQPGLSPGSPGDRPPTPETDYPESLTSYPEEDYSPVGSFGPGPTSPLTTPPGWSCHVSQDKQMLYTNH
 FTQEQWVRLEDPHGKPYFYNPEDSSVRWELPQVPVPAPRSIHKSSQDGDTPAQASPPEEKVPAELDEVGS
 WEEVSPATAAAVRTKTLKAGVLHRTKTADKGKRLRKKHWSASWTVLEGGVLTFFKDSKTSAAAGLRQPSK
 FSTPEYTVELRGATLSWAPKDKSSRKNVLELRSDGSEYLIQHDSEAIISTWHKAI AQGIQELSAELPPE
 ESESSRVDFGSSERLGSWQEKEDARPNAAPALGPVGLESDLSKVRHKLRLKFLQRRPTLQSLREKGYIK
 DQVFGCALAALCERERSRVPRFVQQCIRAVEARGLDIDGLYRISGNLATIQKLRYKVDHDERLDDGGRW
 EDVHVITGALKLFFRELPELPFPSHFRQFIAAIKLQDQARRSRCVRDLVRSLPAPNHDTLRMLFQHLCR
 VIEHGEQNRM SVQSV AIVFGPTLLRPEVEET SMPMTMVFNQVVELILQQCADIFPPH

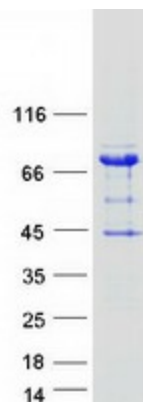
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_954976</u>
RefSeq Size:	3654
RefSeq ORF:	1644


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Synonyms:	CAMGAP1; PP905; SH3D20; SH3P20
Locus ID:	201176
UniProt ID:	Q6ZUM4 , Q8N2Y9
Cytogenetics:	17q21.31
Summary:	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may play a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2013]

Product images:



Coomassie blue staining of purified ARHGAP27 protein (Cat# [TP322412]). The protein was produced from HEK293T cells transfected with ARHGAP27 cDNA clone (Cat# [RC222412]) using MegaTran 2.0 (Cat# [TT210002]).