

Product datasheet for PH324139

SRGAP2 (NM_015326) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SRGAP2 MS Standard C13 and N15-labeled recombinant protein (NP_056141)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224139
Predicted MW:	120.7 kDa
Protein Sequence:	>RC224139 representing NM_015326 Red=Cloning site Green=Tags(s)

MTSPAKFKKDKKEIIAEYDTQVKEIRAQLTEQMKCLDQOCELRVQLQLDQDFFRKKAIEIMDYSRNLEKL
AERFLAKTRSTKDQQFKKQNVLSPVNCWNLLLNQVKRESRDHTTLLSDIYLNIIIPRFVQVSEDSGRLFK
KSKEVGGQLQDDLMKVLNELYVMKTYHMYNADSI SAQSKLKEAEKQEEKQIGKSVKQEDRQTPRSPDST
ANVRIEEKHVRSSVKKIEKMEKRQAKYTENKLAIKARNEYLLALEATNASVFYKYIHDLSIDLQCC
DLGYHASLNRALRTFLSAELNLEQSKHEGLDAIENAVENLDATSDKQRLMEMYNNVFCPPMKFEFQPHMG
DMASQLCAQQPVQSELVQRCQQLQSRLSTLKIENEEVKKTMEATLQTIQDIVTVEFDVSDCFQYSNSME
SVKSTVSETFMSKPSIAKRRANQQETEYFYFTKMKEYLEGRNLITKLQAKHDLQKTLGESQRTDCSLAR
RSSTVRKQDSSQAIPLVVEVSCIRFISRHGLQHEGIFRVSGSQVEVNDIKNAFERGEDPLAGDQNDHMDMS
IAGVLKLYFRGLEHPLPKDIFHDLMACVTMDNLQERALHIRKVLVLPKTTLIIMRYLFAFLNHL SQFS
EENMMDPYNLAIICFGPSLMSVPEGHDQVSCQAHVNELIKTIIIQHENIFPSPRELEGPVYSRGGSMEDYC
DSPHGGETTSVEDSTQDVTAEHHTSDDECEPIEAIKFDYVGRRTARELSFKKGASLLLYQRASDDWWEGRH
NGIDGLIPHQYIVVQDTEGTVVERSSPKSEIEVISEPPEEKVTARAGASCPGGHVADIYLANINKQRKR
PESGSIRKTFRSDSHGLSSSLTDSSSPGVGASCRPSSQPIMSQSLPKEGPDKCSISGHGSLNSISRHSSL
KNRLDSPQIRKTATAGRSKSFNNHRPMDPEVIAQDIEATMNSALNELRELERQSSVKHTPDVVLDTLEPL
KTSPVVAPTSEPSSPLHTQLLKDPEPAFQRSASTAGDIACAFRPVKSVMKMAAPVKPPATRPKPTVFPKTN
ATSPGVNSSTSPQSTDKSCTV

SGP TRRRLEQKLI SEEDLAANDILDYKDDDDKV

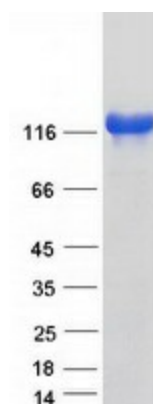
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_056141
RefSeq Size:	6305
RefSeq ORF:	3213
Synonyms:	ARHGAP34; FNBP2; SRGAP2A; SRGAP3
Locus ID:	23380
UniProt ID:	O75044 , B4DFE5
Cytogenetics:	1q32.1
Summary:	This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. The encoded protein stimulates GTPase activity of Rac1, and plays a role in cortical neuron development. This locus has several paralogs on human chromosome 1 resulting from segmental duplication. While this locus itself is conserved among various species, the paralogs are found only in the genus Homo, and not in the genomes of non-human great apes. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Jul 2014]
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified SRGAP2 protein (Cat# [TP324139]). The protein was produced from HEK293T cells transfected with SRGAP2 cDNA clone (Cat# [RC224139]) using MegaTran 2.0 (Cat# [TT210002]).