

Product datasheet for **TP315958**

SPHKAP (NM_030623) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens SPHK1 interactor, AKAP domain containing (SPHKAP), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC215958 representing NM_030623
Red=Cloning site Green=Tags(s)

MDGNSLLSVPSNLESSRMYDVLEPQQGRGCGSSGSGPGNSITACKKVLRSNSLLESTDYWLQNQRMPQCQ
 GFVEDKSENCASVCFVNLGVNKDECSTEHLQQLVNVSPDLPKLISSMNVQPKENEIVLSGLASGNLQ
 ADFEVSQCPWLPDICLVQCARGNRPNSTNCIIFEINKFLIGLELVQERQLHLETNLIKLEDDTNCSSLSI
 EEDFLTASEHLEEESEVDESNDYENINVSANVLESKQLKGATQVEWNCNKEKWLYALEDKYINKYPTPL
 IKTERSPENLTKNTALQSLDPSAKPSQWKREAVGNRQATHYYHSEAFKGMKESQALYIPKDAYFSMMD
 KDVPSACAVAEQRSNLPDGHEDTRNALPPRQDGEVTTGKYATNLAESVLQDAFIRLSQSQSTLPQESAV
 SVSVGSSLLPSCYSTKDTVVSRSWNELPKIVVQSPDGSDAAPQPGISSWPEMEVSVETSSIPSGENSSR
 QPQSALEVALACAATVIGTISSPQATERLKMEEQVSNFPPGSSGALQTQAPQGLKEPSINEYSFPSALCG
 MTQVASAVAVCGLGEREEVTCVAPSGSLPPAAEASEAMPPLCGLASMELGKEIAIAKGLLKEAALVLRP
 NTYSSIGDFLDSMNRRIMETASKSQTLCSENVVRNELAHTLSNVILRHSIDEVHHKNMIIDPNDNRHSE
 ILDTLMESTNQLLLDVICFTFKKMSHIVRLGECPAVLKETIRRETEPSCQPSDPGASQAWTKATESSS
 SSPLSNSHNTSLVINNLVDGMYSKQDKGGVRPGLFKNPTLQSQLSRSHRVPDSSTATTSSKEIYLKGIAG
 EDTKSPHSENECRASSEGRSPTVVSQSRSGSQEAESIHPNTQEKYNCATSRINEVQVNLSSLLGDDLLL
 PAQSTLQTKHPDIYCITDFAEELADTVVSMATEIAAICLDNSSGKQPWFCAWKRGSEFLMTPNVPCRSK
 RKKESQSGTAVRKHKPPRLSEIKRKTDEHPELKEKLMNRVVDSEMNLEDVPSVNLFANEVAAKIMNLT
 EFSMVDGMWQAQGYPRNRLSGDRWSRLKASSCESIPEEDSEARAYVNSLGLMSTLSQPVSRASSVSKQS
 SCESITDEFSRFMVNQMENEGRGFELLDDYYAGKNASSILNSAMQQACRKS DHLSVRPSCPSKQSSTESI
 TEEFYRYMLRDIERDSRESASSRRSSQIWTAGLLSPSLRSPVCHRQSSMPDSRSPCSRLTVNVPIKANSL
 DGFAQNCPQDFLSVQPVSSASSGLCKSDSCLYRRGGTDHITNMLIHETWASSIEALMRKNKIIVDDAAE
 ADTEPVSGGSPSQA EKCANRLAASRMCSGPTLLVQESLDCPRKDSVTECKQPPVSSLSKTASLTNHSPLD
 SKKETSSCQDPVPIHKKRSLCSREVPLIQIETDQREACAGEPEPFLSKSSLLEEAEGHSNDKNIPDVVR
 GGDTAVSACQIHSDSLDTRDVPEAEASTEARAPDEAPNPPSSSEESTGSWTQLANEEDNPDDTSSFLQLS
 ERSMSSELVEEKILKGQSESTEAPASGPPTGTASPQRSLLVINFDLEPECPDAELRATLQWIAASELGIP
 TIYFKKSQENRIEKFLDVVQLVHRKSWKVGDIHAVVQYCKMHHEEQDKGRLSLFDWLELGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 183.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

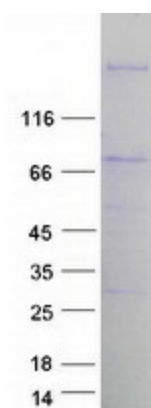
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

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.

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_085126
Locus ID:	80309
UniProt ID:	Q2M3C7
RefSeq Size:	6825
Cytogenetics:	2q36.3
RefSeq ORF:	5013
Synonyms:	SKIP
Summary:	Anchoring protein that binds preferentially to the type I regulatory subunit of c-AMP-dependent protein kinase (PKA type I) and targets it to distinct subcellular compartments. May act as a converging factor linking cAMP and sphingosine signaling pathways. Plays a regulatory role in the modulation of SPHK1.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:

Coomassie blue staining of purified SPHKAP protein (Cat# TP315958). The protein was produced from HEK293T cells transfected with SPHKAP cDNA clone (Cat# [RC215958]) using MegaTran 2.0 (Cat# [TT210002]).