

Recombinant Human SPHKAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPHKAP-3775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPHKAP MS Standard C13 and N15-labeled recombinant protein (NP_085126) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SPHKAP (SPHK1 Interactor, AKAP Domain Containing) is a Protein Coding gene. Diseases associated with SPHKAP include Renal Cell Carcinoma, Papillary, 1. Gene Ontology (GO) annotations related to this gene include protein kinase A binding. An important paralog of this gene is AKAP11.
Molecular Mass	183.2 kDa
AA Sequence	MDGNSLLSVPSNLESSRMYDVLEPQQGRGCGSSSGSPGNSITACKKVLRSNSLLE STDYWLQNQRMPQCQIGFVEDKSENCASVCFVNLGVNKDECSTEHLQQKLVNVSPD LPKLISSMNVQQPKENEIVVLSGLASGNLQADFEVSQCPWLPDICLVQCARGNRPNS TNCIIFEINKFLIGLELVQERQLHLETNILKLEDDTNCSSLSSIEEDFLTASEHLEEESEVD ESRNDYENINVSANVLESKQLKGATQVEWNCNKEKWLYALEDKYINKYPTPLIKTER SPENLTKNALQSLDPSAKPSQWKREAVGNRQATHYYHSEAFKGQMEKSQALYI PKDAYFSMMDKDVPSACAVAEQRSNLNPGDHEDTRNALPPRQDGEVTTGKYATNL AESVLQDAFIRLSQSQSTLPQESAVSVSVGSSLLPSCYSTKDTVVSRSWNELPKIVV VQSPDGSDAAPQPGISSWPEMEVSVETSSIPSGENSSRQPQSALEVALACAAATVIG

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TISSPQATERLKMEQVVS NFPPGSSGALQTQAPQGLKEPSINEYSFPSALCGMTQV
 ASAVAVCGLGEREEVTC SVAPSGSLPPAAEASEAMPPLCGLASME LGKEAIAKGLL
 KEAALVLTRPNTYSSIGDFLDSMNRRIMETASKSQTLCSENVVRNELAHTLSNVILRH
 SIDEVHHKNMIIDPNDNRHSSEILDTLMESTNQ LLLDVICFTFKKMSHIVRLGECPAVL
 SKETIRRRRETEPSCQPSDPGASQAWTKATESSSSSPLSNSHNTSLVINNLVDGMYS
 KQDKGGVRPGLFKNPTLQSQLSRSHRVPDSSTATTSSKEIY LKGIAGEDTKSPHHSE
 NECRASSEGQRSPTVSQSRSGSQEA EESIHPNTQEKYNCATSRINEVQVNL SLLGD
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 GSEFLMTPNVPCRS LKRKKESQGGSGTAVRKHKPPRLSEIKRKTDEHP ELKEKLMNR
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 WSRLKASSCESIPEEDSEARAYVNSLGLMSTLSQPVS RASSVSKQSSCESITDEF SR
 FMVNQMENEGRGFELLLDYYAGKNASSILNSAMQQACRKSDHLSVRPSCPSKQSS
 TESITEEFYRYMLRDIERDSRESASSRRSSQIW TAGLLSPSLRSPVCHRQSSMPDSR
 SPCSRLTVNVIKANS LDGFAQNCPQDFLSVQPVSSASSSGLCKSDSCLYRRGGTD
 HITNMLIHETWASSIEALMRKNKIIVDDAE EADTEPVSGGSPSQA EKCANRLAASRM
 CSGPTLLVQESLDCPRKDSVTECKQPPVSSLSKTASLTNH SPLDSKKETSSCQDPV
 PINHKRRSLCSREVPLIQIETDQREACAGEPEPFLSKSSLLEEAEGHSNDKNIPDVVR
 GGDTAVSACQIHSDSLDTRDVPEAEASTEARAPDEAPNPPSSSEESTGSWTQLANE
 EDNPDDTSSFLQLSERSMSSELVEEKKILKGQSESTEAPASGPPTGTASPQRSLLVIN
 FDLEPECPDAELRATLQWIAASELGIPTIYFKKSQENRIEKFLDVVQLVHRKSWKVGD
 IFHAVVQYCKMH EEQKDGRLSLFDWLLELGTRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SPHKAP SPHK1 interactor, AKAP domain containing [Homo sapiens (human)]

Official Symbol SPHKAP

Synonyms SPHKAP; SPHK1 interactor, AKAP domain containing; SKIP; A-kinase anchor protein
SPHKAP; SPHK1 (sphingosine kinase type 1) interacting protein; SPHK1-interactor
and AKAP domain-containing protein; sphingosine kinase type 1-interacting protein

Gene ID 80309

mRNA Refseq NM_030623

Protein Refseq NP_085126

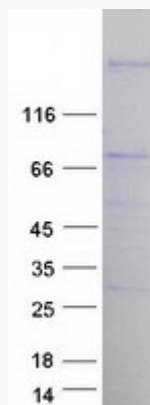
MIM 611646

UniProt ID Q2M3C7

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SDS-PAGE

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