

Product datasheet for PH306119

SCAP2 (SKAP2) (NM_003930) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SKAP2 MS Standard C13 and N15-labeled recombinant protein (NP_003921)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206119
Predicted MW:	41.2 kDa
Protein Sequence:	>RC206119 protein sequence Red=Cloning site Green=Tags(s)
	MPNPSSTSSPYPLPEEIRNLLADVETFVADILKGENLSKKAKEKRESLIKKIKDVKSIYLLQEFQDKGDAE DGEEYDDPFAGPPDTISLASERYDKDDEAPSDGAQFPPIAAQDLPFVLKAGYLEKRRKDHSFLGFEWQKR WCALSKTVFYYYGSDKDKQKGEFAIDGYSVRMNTLRKDGKKDCCFEISAPDKRIYQFTAASPKDAEEW VQQLKFVLQDMESDIIPEDYDERGELYDDVDHPLPISNPLTSSQPIDDEIYEELPEEEEDSAPVKVEEQR KMSQDSVHHTSGDKSTDYANFYQGLWDCTGAFSDEL SFKRGDVIYILSKEYNRYGWWVGEMKGAIGLVPK AYIMEMYDI
	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_003921</u>
RefSeq Size:	3984
RefSeq ORF:	1077
Synonyms:	PRAP; RA70; SAPS; SCAP2; SKAP-HOM; SKAP55R
Locus ID:	8935



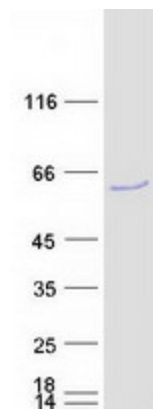
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UniProt ID: [O75563](#)

Cytogenetics: 7p15.2

Summary: The protein encoded by this gene shares homology with Src kinase-associated phosphoprotein 1, and is a substrate of Src family kinases. It is an adaptor protein that is thought to play an essential role in the Src signaling pathway, and in regulating proper activation of the immune system. This protein contains an amino terminal coiled-coil domain for self-dimerization, a pleckstrin homology (PH) domain required for interactions with lipids at the membrane, and a Src homology (SH3) domain at the carboxy terminus. Some reports indicate that this protein inhibits actin polymerization through interactions with actin assembly factors, and might negatively regulate the invasiveness of tumors by modulating actin assembly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015]

Product images:



Coomassie blue staining of purified SKAP2 protein (Cat# [TP306119]). The protein was produced from HEK293T cells transfected with SKAP2 cDNA clone (Cat# [RC206119]) using MegaTran 2.0 (Cat# [TT210002]).