

Product datasheet for **TP306119M**

SCAP2 (SKAP2) (NM_003930) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human src kinase associated phosphoprotein 2 (SKAP2), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206119 protein sequence
Red=Cloning site **Green**=Tags(s)

MPNPSSTSSPYPLPEEIRNLLADVETVADILKGENLSKKAKEKRESLIKKIKDVKSIYQLQEFQDKGDAE
DGEEYDDPFAGPPDTISLASERYDKDDEAPSDGAQFPPIAAQDLFPVLKAGYLEKRRKDHSLGFEWQKR
WCALSKTVFYFYGSDKDKQKQKGEFAIDGYSVRMNNLTRKDGKKDCCFEISAPDKRIYQFTAASPKDAEEW
VQQLKFLVQDMESDIIPEDYDERGELYDDVDHPLPISNPLTSSQPIDDEIYEELPEEEEDSAPVKVEEQR
KMSQDSVHHTSGDKSTDYANFYQGLWDCTGAFSDELSFKRGDVIYILSKEYNRYGWWWGEMKGAIGLVPK
AYIMEMYDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41 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_003921](#)

Locus ID: 8935



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UniProt ID: [O75563](#)

RefSeq Size: 3984

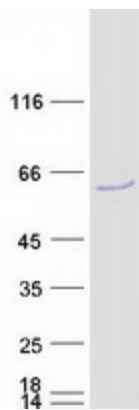
Cytogenetics: 7p15.2

RefSeq ORF: 1077

Synonyms: PRAP; RA70; SAPS; SCAP2; SKAP-HOM; SKAP55R

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]).