

## Product datasheet for TP306119L

### SCAP2 (SKAP2) (NM\_003930) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human src kinase associated phosphoprotein 2 (SKAP2), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MPNPSSTSSPYPLPEEIRNLLADVETVADILKGENLSKKAKEKRESLIKKIKDVKSIYQLQEFQDKGDAE  
DGEEYDDPFAGPPDTISLASERYDKDDEAPSDGAQFPPIAAQDLFPVLKAGYLEKRRKDHSLGFEWQKR  
WCALSKTVFYYYGSDKDKQKQKGEFAIDGYSVRMNNLTRKDGKKDCCFEISAPDKRIYQFTAASPKDAEEW  
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]).