

Product Information

MemDX™ Membrane Protein Human SKAP2 (Src kinase associated phosphoprotein 2) for Antibody Discovery

Cat. No.: **MP1100X**

This product is for research use only and is not intended for diagnostic use.

This product is a 65.23 kDa Human SKAP2 membrane protein expressed in *In vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SKAP2

Protein Length

Full-length

Molecular Weight

65.23 kDa

Sequence

MPNPSSTSSPYPLPEEIRNLLADVETFVADILKGENLSKKAKEKRESLIKKIKDVKSIYQLQEFQDKGDAEDGEEYDDPFAGPPDTISLA

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

In vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

SKAP2

Full Name

Src kinase associated phosphoprotein 2

Introduction

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.

Alternative Names

PRAP; RA70; SAPS; SCAP2; SKAP55R; SKAP-HOM; src kinase-associated phosphoprotein 2; Fyn-associated phosphoprotein SKAP55 homologue; Pyk2/RAFTK-associated protein; SKAP-55HOM; SKAP55 homolog; retinoic acid-induced protein 70; src family-associated phosphoprotein 2; src kinase-associated phosphoprotein of 55-related protein; src-associated adapter protein with PH and SH3 domains

Gene ID

[8935](#)

UniProt ID

[Q75563](#)