

Recombinant Mouse Skap1 Protein, Myc/DDK-tagged

Cat. No. Skap1-5893M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length src family associated phosphoprotein 1 (Skap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Positively regulates T-cell receptor signaling by enhancing the MAP kinase pathway. Required for optimal conjugation between T-cells and antigen-presenting cells by promoting the clustering of integrin ITGAL on the surface of T-cells. May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells.
Molecular Mass	41 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Skap1 src family associated phosphoprotein 1 [Mus musculus (house mouse)]
Official Symbol	Skap1
Synonyms	SKAP1; src family associated phosphoprotein 1; src kinase-associated phosphoprotein 1; src family-associated phosphoprotein 1; ortholog of human src family associated phosphoprotein 1 SCAP1; Scap1; Skap-55; 1700091G21Rik
Gene ID	78473
mRNA Refseq	NM_001033186
Protein Refseq	NP_001028358
UniProt ID	Q3UUV5

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