

Recombinant Mouse Sike1 Protein, Myc/DDK-tagged

Cat. No. Sike1-5879M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length suppressor of IKBKE 1 (Sike1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus- and TLR3-triggered IRF3. Inhibits TLR3-mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter. May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and DDX58/RIG-I. Does not inhibit NF-kappa-B activation pathways.
Molecular Mass	23.5 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	Sike1 suppressor of IKBKE 1 [Mus musculus (house mouse)]
Official Symbol	Sike1
Synonyms	Sike; Sikeb; AI450236; AI839862; 2810005O12Rik; 5730470L24Rik
Gene ID	66641
mRNA Refseq	NM_025679
Protein Refseq	NP_079955
UniProt ID	Q9CPR7

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