

Recombinant Mouse Sik2 Protein, Myc/DDK-tagged

Cat. No. Sik2-5878M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length salt inducible kinase 2 (Sik2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphorylates 'Ser-789' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. Inhibits CREB activity by phosphorylating and inhibiting activity of TORCs, the CREB-specific coactivators, like CRTC2/TORC2 and CRTC3/TORC3 in response to cAMP signaling.
Molecular Mass	104.6 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	Sik2 salt inducible kinase 2 [Mus musculus (house mouse)]
Official Symbol	Sik2
Synonyms	SIK2; salt inducible kinase 2; serine/threonine-protein kinase SIK2; SIK-2; SNF1-like kinase 2; salt-inducible kinase 2; salt induceable kinase 2; salt-inducible protein kinase 2; serine/threonine-protein kinase SNF1-like kinase 2; Snf1lk2; G630080D20Rik
Gene ID	235344
mRNA Refseq	NM_178710
Protein Refseq	NP_848825
UniProt ID	Q8CFH6

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