

Recombinant Mouse Sdhaf3 Protein, Myc/DDK-tagged

Cat. No. Sdhaf3-5732M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length succinate dehydrogenase complex assembly factor 3 (Sdhaf3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an essential role in the assembly of succinate dehydrogenase (SDH), an enzyme complex (also referred to as respiratory complex II) that is a component of both the tricarboxylic acid (TCA) cycle and the mitochondrial electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Promotes maturation of the iron-sulfur protein subunit Sdhb of the SDH catalytic dimer, protecting it from the deleterious effects of oxidants. May act together with SDHAF1.
Molecular Mass	14.9 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.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sdhaf3 succinate dehydrogenase complex assembly factor 3 [Mus musculus (house mouse)]

Official Symbol Sdhaf3

Synonyms Sdhaf3; succinate dehydrogenase complex assembly factor 3; Ac; Acn9; 0610005M07Rik; 4933430A16Rik; succinate dehydrogenase assembly factor 3, mitochondrial; ACN9 homolog; SDH assembly factor 3; protein ACN9 homolog, mitochondrial

Gene ID 71238

mRNA Refseq NM_001077713

Protein Refseq NP_001071181

UniProt ID Q8BQU3

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