

Recombinant Mouse Sdhaf2 Protein, Myc/DDK-tagged

Cat. No. Sdhaf2-1351M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RIKEN cDNA 0610038F07 gene (cDNA clone MGC:61338 IMAGE:5698361), complete cds, 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. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit SDHA of the SDH catalytic dimer.
Molecular Mass	15.7 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

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

GENE INFORMATION

Gene Name [Sdhaf2 succinate dehydrogenase complex assembly factor 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Sdhaf2](#)

Synonyms Sdhaf2; succinate dehydrogenase complex assembly factor 2; AA407634; AW049997; 0610038F07Rik; succinate dehydrogenase assembly factor 2, mitochondrial; SDH assembly factor 2; succinate dehydrogenase subunit 5, mitochondrial

Gene ID [66072](#)

mRNA Refseq [NM_025333](#)

Protein Refseq [NP_079609](#)

UniProt ID [Q8C6I2](#)

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