

## Recombinant Mouse Sdhaf2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	15.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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