

Recombinant Human succinate dehydrogenase complex assembly factor 1, His-tagged

Cat. No. SDHAF1-656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SDHAF1, 1-115aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-115 a.a.
Description	Succinate dehydrogenase assembly factor 1, also known as SDHAF1, plays an essential role in succinate dehydrogenase complex (SDH) assembly, a complex involved in complex II of the mitochondrial electron transport chain. Probably this protein acts by participating in mitochondrial biosynthesis of iron-sulfur centers for complex II. Recombinant human SDHAF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT, 0.1mM PMSF
Molecular Mass	15.2 kDa (138aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRHSRL QRQVLSLYRD LLRAGRKGPG AEARVRAEFR QHAGLPRSDV LRIEYLYRRG RRQLQLLRSG HATAMGAFVR PRAPTGEPPG VGSQPDDGDS PRNPHDSTGA PETRPDGR

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SDHAF1 succinate dehydrogenase complex assembly factor 1 [Homo sapiens (human)]
Official Symbol	SDHAF1
Synonyms	SDHAF1; LYRM8; succinate dehydrogenase complex assembly factor 1; succinate dehydrogenase assembly factor 1, mitochondrial; SDH assembly factor 1; LYR motif containing 8; LYR motif-containing protein 8
Gene ID	644096
mRNA Refseq	NM_001042631
Protein Refseq	NP_001036096
MIM	612848
UniProt ID	A6NFY7
Chromosome Location	19q13.12

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