

SDHAF1, 1-115aa Human, His tag, E.coli

Cat.NO.: TP03873

3th Edition

Synonyms:Succinate dehydrogenase assembly factor 1, LYRM8

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 Weight:15.2 kDa (138aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMRHSRLQRQVLSLYRDLLRAGRKPGAEARVRAEFRQHAGLPRSDVLRIE
YLRYRRGRRQLQLLRSGHATAMGAFVRPRAPTGEPPGVGSQPDDGDSPRNPHDSTGAPETRPDGR

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.