NKMAXBio We support you, we believe in your research

Recombinant human SDHAF1 protein

Catalog Number: ATGP2879

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-115aa

UniProt No.
A6NFY7

NCBI Accession No.
NP_001036096

Alternative Names
Succinate dehydrogenase assembly factor 1, LYRM8

PRODUCT SPECIFICATION

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

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) 30% glycerol, 2mM DTT, 0.1mM PMSF

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Recombinant human SDHAF1 protein

Catalog Number: ATGP2879

Amino acid Sequence

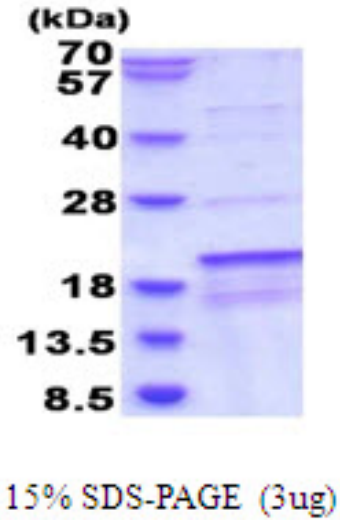
<MGSSHHHHHH SSGLVPRGSH MGS>MSRHSRL QRQVLSLYRD LLRAGRGKPG AEARVRAEFR QHAGLPRSDV LRIEYLYRRG RRQLQLLRSG HATAMGAFVR PRAPTGEPGG VGSQPDDGDS PRNPHDSTGA PETRPDGR

General References

Ghezzi D., et al. (2009) Nat. Genet. 41:654-656
Grimwood J., et al. (2004) Nature. 428:529-535

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.