

Recombinant human SDHAF2 protein

Catalog Number: ATGP1901

PRODUCT INFORMATION

Expression system

E.coli

Domain

30-166aa

UniProt No.

Q9NX18

NCBI Accession No.

NP_060311

Alternative Names

Succinate dehydrogenase assembly factor 2 mitochondrial, Succinate dehydrogenase assembly factor 2, mitochondrial, C11orf79, PGL2, SDH5

PRODUCT SPECIFICATION

Molecular Weight

19kDa (160aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Purity

> 90% 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

SDHAF2 is a mitochondrial protein needed for the flavination of a succinate dehydrogenase complex subunit required for activity of the complex. Defects in SDHAF2 are the cause of hereditary paragangliomas type 2 (PGL2), also known as familial non-chromaffin paragangliomas type 2. Paragangliomas refer to rare and mostly benign tumors that arise from any component of the neuroendocrine system. Recombinant human SDHAF2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSSFRRFYR GDSPTDSQKD MIEIPLPPWQ ERTDESIETK RARLLYESRK RGMLENCILL
SLFAKEHLQH MTEKQLNLYD RLINEPSNDW DIYYWATEAK PAPEIFENEV MALLRDFAKN KNKEQRLRAP DLEYLFKPR

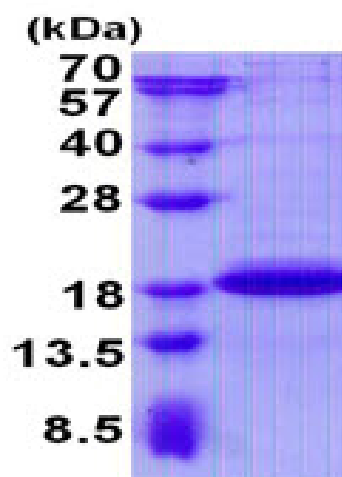
General References

Kunst,H.P., et al. (2011) Clin. Cancer Res. 17 (2), 247-254

Starker,L.F., et al. (2010) Endocrine 38 (3), 397-401

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)