

Recombinant Human SDHAF2, His-tagged

Cat. No. SDHAF2-7119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SDHAF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	30-166aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT
Molecular Mass	19.0kDa (160aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSFRRFYR GDSPTDSQKD MIEIPLPPWQ ERTDESIETK RARLLYESRK RGMLENCILL SLFAKEHLQHMTEKQLNLYD RLINEPSNDW DIYYWATEAK PAPEIFENEV MALLRDFAKN KNKEQRLRAP DLEYLFEKPR

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	SDHAF2 succinate dehydrogenase complex assembly factor 2 [Homo sapiens]
Official Symbol	SDHAF2
Synonyms	SDHAF2; succinate dehydrogenase complex assembly factor 2; C11orf79, chromosome 11 open reading frame 79 , paraganglioma or familial glomus tumors 2 , PGL2; succinate dehydrogenase assembly factor 2, mitochondrial; FLJ20487; SDH5; hSDH5; SDH assembly factor 2; succinate dehydrogenase subunit 5, mitochondrial; PGL2; C11orf79;
Gene ID	54949
mRNA Refseq	NM_017841
Protein Refseq	NP_060311
MIM	613019
UniProt ID	Q9NX18

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Chromosome Location	11q12.2
Function	protein binding;