# Recombinant Human SDHAF2, His-tagged

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

## SPECIFICATION

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| **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

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| **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; |

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