
Product Data Sheet

Product Name: SDHAF1 Human
 Cat. No.: GP24511
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Succinate Dehydrogenase Complex Assembly Factor 1; LYRMotif-Containing Protein 8; LYR MotifContaining 8; SDH Assembly Factor 1; LYRM8; Succinate Dehydrogenase AssemblyFactor 1; Mitochondrial; Succinate dehydrogenase assembly factor 1;mitochondrial.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGMSRHSRL QRQVLSLYRD LLRAGRKGKPG AEARVRAEFR QHAGLPRSDVLRIEYLYRRG RRQLQLLRSG HATAMGAFVR PRAPTGEPGG VGSQPDDGDS PRNPHDSTGA PETRPDGR.		
Formulation	SDHAF1 protein solution (0.25mg/ml) containing Phosphatebuffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF.		

Introduction

Succinate dehydrogenase assembly factor 1 (SDHAF1) is a member of the complex I LYR family. SDHAF1 plays an important role in succinate dehydrogenase complex (SDH) assembly, a complex which is involved in complex II of the mitochondrial electron transport chain. SDHAF1 functions through taking part in mitochondrial biosynthesis of iron-sulfur centers for complex II.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SDHAF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-115 a.a) and having a molecular mass of

Caution: Product has not been fully validated for medical applications. For research use only.

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15.2kDa.SDHAF1 is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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