

## 32-4787: Recombinant Human Succinate Dehydrogenase Complex Assembly Factor 1

**Alternative Name :** Succinate Dehydrogenase Complex Assembly Factor 1,LYR Motif-Containing Protein 8,LYR Motif Containing 8,SDH Assembly Factor 1,LYRM8,Succinate Dehydrogenase Assembly Factor 1,Mitochondrial,Succinate dehydrogenase assembly factor 1, mitochondria

### Description

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

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** SDHAF1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMSRHSRL QRQVLSLYRD LLRAGRGKPG AEARVRAEFR QHAGLPRSDV LRIEYLYRRG RRQLQLLRSG HATAMGAFVR PRAPTGEPPG VGSQPDDGDS PRNPHDSTGA PETRPDGR.