

Recombinant Human FOXRED1, His-tagged

Cat. No. FOXRED1-12991H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXRED1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	212-486a.a.
Description	This gene encodes a protein that contains a FAD-dependent oxidoreductase domain. The encoded protein is localized to the mitochondria and may function as a chaperone protein required for the function of mitochondrial complex I. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FOXRED1 FAD-dependent oxidoreductase domain containing 1 [Homo sapiens]
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Official Symbol	FOXRED1
Synonyms	FOXRED1; FAD-dependent oxidoreductase domain containing 1; FAD-dependent oxidoreductase domain-containing protein 1; H17; FP634;
Gene ID	55572
mRNA Refseq	NM_017547
Protein Refseq	NP_060017
MIM	613622
UniProt ID	Q96CU9
Chromosome Location	11q24.2
Function	oxidoreductase activity;

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