Recombinant Full Length Human FOXRED1 Protein, GST-tagged

Cat. No. FOXRED1-5114HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOXRED1 full-length ORF (NP_060017.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	486 amino acids
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. [provided by RefSeq, Dec 2010]
Molecular Mass	80.2 kDa
AA Sequence	MIRRVLPHGMGRGLLTRRPGTRRGGFSLDWDGKVSEIKKKIKSILPGRSCDLLQDTS HLPPEHSDVVIVGGGVLGLSVAYWLKKLESRRGAIRVLVVERDHTYSQASTGLSVG GICQQFSLPENIQLSLFSASFLRNINEYLAVVDAPPLDLRFNPSGYLLLASEKDAAAM ESNVKVQRQEGAKVSLMSPDQLRNKFPWINTEGVALASYGMEDEGWFDPWCLLQ GLRRKVQSLGVLFCQGEVTRFVSSSQRMLTTDDKAVVLKRIHEVHVKMDRSLEYQP VECAIVINAAGAWSAQIAALAGVGEGPPGTLQGTKLPVEPRKRYVYVWHCPQGPGL ETPLVADTSGAYFRREGLGSNYLGGRSPTEQEEPDPANLEVDHDFFQDKVWPHLA

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	LRVPAFETLKVQSAWAGYYDYNTFDQNGVVGPHPLVVNMYFATGFSGHGLQQAPG IGRAVAEMVLKGRFQTIDLSPFLFTRFYLGEKIQENNII
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FOXRED1 FAD-dependent oxidoreductase domain containing 1 [Homo sapiens]
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

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UniProt ID	Q96CU9

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