

Recombinant Full Length Human LYRM7 Protein, GST-tagged

Cat. No. LYRM7-6034HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LYRM7 full-length ORF (1 a.a. - 104 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	104 amino acids
Description	Inner mitochondrial membrane complex III (CIII) is the main enzyme complex in the mitochondrial respiratory chain, and Rieske Fe-S protein (UQCRFS1) is the last catalytic subunit added to the complex. The protein encoded by this gene is a nuclear-encoded mitochondrial matrix protein that stabilizes UQCRFS1 and chaperones it to the CIII complex. Defects in this gene are a cause of mitochondrial complex III deficiency, nuclear type 8. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
Molecular Mass	37.84 kDa
AA Sequence	MGRAVKVLQLFKTLHRTRQQVFKNDARALEAARIKINEEFKNNKSETSSKKIEELMKI GSDVELLLRTSVIQGIHTDHNTLKLVPKDLLVENVPYCDAPTQKQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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	LYRM7 LYR motif containing 7 [Homo sapiens (human)]
Official Symbol	LYRM7
Synonyms	LYRM7; LYR motif containing 7; MZM1L; MC3DN8; C5orf31; complex III assembly factor LYRM7; LYR motif-containing protein 7; Lyrm7 homolog
Gene ID	https://www.ncbi.nlm.nih.gov/gene/?term=90624
mRNA Refseq	NM_001293735
Protein Refseq	NP_001280664
MIM	615831
UniProt ID	Q5U5X0

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