

Recombinant Human LYRM7 Protein, GST-tagged

Cat. No. LYRM7-4538H **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	Wheat Germ
Description	Inner mitochondrial membrane complex III (CIII) is the main enzyme complex in the mitochondrial respiratory chain, and Rieske Fe-S protein (UQCRCF1) is the last catalytic subunit added to the complex. The protein encoded by this gene is a nuclear-encoded mitochondrial matrix protein that stabilizes UQCRCF1 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 Protein Array

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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; Lym7 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