

Recombinant Full Length Human GLRX5 Protein, GST-tagged

Cat. No. GLRX5-5349HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLRX5 full-length ORF (NP_057501.2, 1 a.a. - 157 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	157 amino acids
Description	This gene encodes a mitochondrial protein, which is evolutionarily conserved. It is involved in the biogenesis of iron-sulfur clusters, which are required for normal iron homeostasis. Mutations in this gene are associated with autosomal recessive pyridoxine-refractory sideroblastic anemia. [provided by RefSeq, May 2010]
Molecular Mass	43 kDa
AA Sequence	MSGSLGRAAAALLRWGRGAGGGGLWGPVRAAGSGAGGGGSAEQLDALVKKDK VVVFLKGTPEQPQCGFSNAVQILRLHGVRDYAAYNVLDDPELRQGIDYSNWPTIP QVYLNGEFVGGCDILLQMHQNGDLVEELKKLGIHSALLDEKKDQDSK
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	GLRX5 glutaredoxin 5 [Homo sapiens]
Official Symbol	GLRX5
Synonyms	GLRX5; glutaredoxin 5; C14orf87, chromosome 14 open reading frame 87, glutaredoxin 5 homolog (S. cerevisiae); glutaredoxin-related protein 5, mitochondrial; GRX5; PR01238; glutaredoxin 5 homolog; monothiol glutaredoxin-5; FLB4739; PRO1238; C14orf87; MGC14129;
Gene ID	51218
mRNA Refseq	NM_016417
Protein Refseq	NP_057501
MIM	609588
UniProt ID	Q86SX6