Recombinant Human GLRX, His tagged

Cat. No. GLRX-368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLRX (P35754) (Met1-Gln106), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-106 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 50mM Tirs, 10% Glycerol, 1mM DTT, pH 8.0.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human GLRX consists of 121 amino acids and predicts a molecular mass of 13.6 KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GLRX glutaredoxin (thioltransferase) [Homo sapiens]
Official Symbol	GLRX
Gene ID	2745
mRNA Refseq	NM_001118890
Protein Refseq	NP_001112362
MIM	600443
UniProt ID	P35754
Chromosome Location	5q14

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