

Recombinant Human GLRX Protein

Cat. No. GLRX-012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLRX protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the glutaredoxin family. The encoded protein is a cytoplasmic enzyme catalyzing the reversible reduction of glutathione-protein mixed disulfides. This enzyme highly contributes to the antioxidant defense system. It is crucial for several signalling pathways by controlling the S-glutathionylation status of signalling mediators. It is involved in beta-amyloid toxicity and Alzheimer's disease. Multiple alternatively spliced transcript variants encoding the same protein have been identified.
Form	Lyophilized
Molecular Mass	10 kDa
Stability	≥ 6 months
Storage	4 centigrade
Storage Buffer	0.5% NH ₄ HCO ₃

GENE INFORMATION

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Gene Name	GLRX glutaredoxin [Homo sapiens (human)]
Official Symbol	GLRX
Synonyms	GLRX; glutaredoxin; GRX; GRX1; glutaredoxin-1; TTase-1; thioltransferase; thioltransferase-1; EC 1.8.4.1
Gene ID	2745
mRNA Refseq	NM_001118890
Protein Refseq	NP_001112362
MIM	600443
UniProt ID	P35754

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