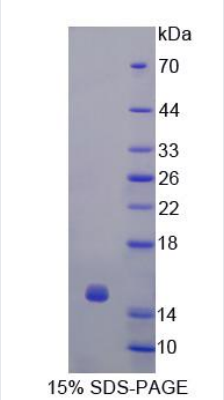
Glutaredoxin (GLRX) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutaredoxin (GLRX), Recombinant Protein
Full Product Name	Recombinant Glutaredoxin (GLRX)
Product Gene Name	GLRX recombinant protein
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. AQEFVNCKI QSGKVVVFIK PTCPYCRKTQ EILSQLPFKQ GLLEFVDITA TNNTSAIQDY LQQLTGARTV PRVFIGKDCI GGCSDLISMQ QTGELMTRLK QIGALQL
Host	Host: E Coli Source: Prokaryotic expression
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Purity/Purification	>90%
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: GLRX (MBS2028078) Immunogen: GLRX (MBS2030948)
Matching Pairs	APC-CY7 Conjugated Antibody: GLRX (MBS2079003) Immunogen: GLRX (MBS2030948)
Matching Pairs	PE Conjugated Antibody: GLRX (MBS2079004) Immunogen: GLRX (MBS2030948)
Matching Pairs	APC Conjugated Antibody: GLRX (MBS2079005) Immunogen: GLRX (MBS2030948)
Matching Pairs	Cy3 Conjugated Antibody: GLRX (MBS2079006) Immunogen: GLRX (MBS2030948)
Matching Pairs	FITC Conjugated Antibody: GLRX (MBS2079007) Immunogen: GLRX (MBS2030948)
Matching Pairs	HRP Conjugated Antibody: GLRX (MBS2079008) Immunogen: GLRX (MBS2030948)
Matching Pairs	Biotin Conjugated Antibody: GLRX (MBS2096310) Immunogen: GLRX (MBS2030948)
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Predicted Molecular Mass	15.4kDa
Accurate Molecular Mass (KD)	15kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag

Organism Species	Mus musculus (Mouse)
Fragment	Ala2~Leu107
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for GLRX recombinant protein	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Related Product Information for GLRX recombinant protein	MBS2030948 is a recombinant protein targeting GLRX. Also known as Recombinant Glutaredoxin (GLRX). Host: E Coli Source: Prokaryotic expression.
Other Notes	Small volumes of GLRX recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of GLRX recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GLRX. It may not necessarily be applicable to this product.

NCBI GI #	686631471
NCBI GeneID	20380183
NCBI Accession #	XP_009308181.1
GenBank Nucleotide #	XM_009309906.1
NCBI Official Full Name	glutaredoxin
NCBI Official Symbol	DQ04_00911090
Protein Family	Glutaredoxin
NCBI Protein Information	glutaredoxin
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/glrx-recombinant-protein/glutaredoxin/2030948