

Recombinant Human GLRX5 293 Cell Lysate

Cat. No. GLRX5-5896HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for glutaredoxin 5 (GLRX5) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
Chromosome Location	14q32.2
Function	2 iron, 2 sulfur cluster binding; electron carrier activity; metal ion binding; protein disulfide oxidoreductase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA