Recombinant Human GSR cell lysate

Cat. No. GSR-757HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GSR glutathione reductase [Homo sapiens]
Official Symbol	GSR
Synonyms	GSR; glutathione reductase; glutathione reductase, mitochondrial; GR; GRase; MGC78522;
Gene ID	2936
mRNA Refseq	NM_000637
Protein Refseq	NP_000628

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UniProt ID	P00390
Chromosome Location	8p21.1
Pathway	Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Oxidative Stress, organism-specific biosystem; Selenium Pathway, organism-specific biosystem;
Function	NADP binding; electron carrier activity; flavin adenine dinucleotide binding; glutathione binding; glutathione-disulfide reductase activity; oxidoreductase activity; protein homodimerization activity;

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