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Datasheet for ABIN2129541

Glutathione Reductase Protein (GSR)

Overview

Quantity:	50 µg
Target:	Glutathione Reductase (GSR)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 95 % pure
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Target Details

Target:	Glutathione Reductase (GSR)
Alternative Name:	GSR (GSR Products)
Molecular Weight:	54.3 kDa (504aa) confirmed by MALDI-TOF
Pathways:	Thyroid Hormone Synthesis , Cell RedoxHomeostasis

Application Details

Application Notes:	Optimal conditions to be determined by end user
Comment:	Biological activity: Specific activity: > 29 unit/mL. One unit will reduce 1.0 umol of oxidized

Application Details

glutathione per minute at pH 7.5 at 25C

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10 % glycerol, 0.1M NaCl

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C/-80 °C