

Glutathione Reductase Recombinant Protein | GR recombinant protein

Recombinant Glutathione Reductase (GR)

CATALOG # AAA144173	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

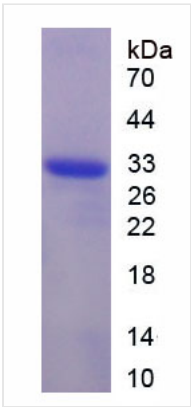
PRODUCT SYNONYMS

Glutathione Reductase; Recombinant Glutathione Reductase (GR); GR recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	200 ug/mL (varies by lot)
Applicable Applications for GR recombinant protein	Positive Control, WB (Western Blot), SDS-PAGE
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Pro7~Leu246
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.9
Predicted Molecular Mass	30.0kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°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°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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	15232559
NCBI GeneID	824631
NCBI Accession #	NP_191026.1
NCBI GenBank Nucleotide #	NM_115323.3
NCBI Official Full Name	glutathione reductase
NCBI Official Symbol	GR
NCBI Official Synonym Symbols	ATGR2; EMB2360; glutathione reductase; GR
NCBI Protein Information	glutathione reductase
UniProt Protein Name	Glutathione reductase, chloroplastic
UniProt Gene Name	EMB2360
UniProt Synonym Gene Names	GR; GRase
UniProt Entry Name	GSHRP_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/emb2360-recombinant-protein-e-coli-positive-control-wb-western-blot-sds-page/144173>