

Recombinant Rat Gsr protein

Cat. No. Gsr-5191R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsr protein(P70619)(1-424 aa) was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	1-424 aa
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	VNVGCVPKKV MWNTAVHSEF IHDHVDYGFQ NCKSKFNWHV IKEKRDAYVS RLNNIYQNNL TKSHIEVIHG YATFRDGPQP TAEVNGKKFT APHILIATGG VPTVPHENQI PGASLGITSD GFFQLEDLPS RSVIVGAGYI AVEIAGILSA LGSKTSLMIR HDKVLRSFDS LISSNCTEEL ENAGGVEVLT VKKFSQVKEV KKTSSGLELH VVTALPGRKP TVTTIPDVDC LLWAIGRDPN SKGLNLNKLK IQTDDKGHIL VDEFQNTNVK GUYAVGDVCG KALLTPVAIA AGRKLAHRLF EGKEDSRLDY DNIPTVVFVSH PPIGTVGLTE DEAVHKYGD NVKIYSTAFT PMYHAVTTRK TKCVMKMVCA NKEEKVVGIIH MQGIGCDEML QGFAVAVKMG ATKADFDNRV AIHPTSSEEL VTLR
Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	Gsr glutathione reductase [Rattus norvegicus]
Official Symbol	Gsr
Synonyms	GSR; glutathione reductase; GR; GRase; glutathione reductase, mitochondrial;
Gene ID	116686
mRNA Refseq	NM_053906
Protein Refseq	NP_446358

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