

Recombinant Rat Gsr protein, Avi-tagged, Biotinylated

Cat. No. Gsr-5192R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Rat Gsr protein(P70619)(1-424 aa), fused with Avi tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	1-424 aa
Conjugation/Label	Biotin
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 SKGLNLNKLG IQTDDKGHIL VDEFQNTNVK GVYAVGDVCG KALLTPVAIA AGRKLAHRLF EGKEDSRDY DNIPTVVFHSH PPIGTVGLTE DEAVHKYGKD NVKIYSTAFT PMYHAVTTRK TKCVMKMVCA NKEEKVVGIIH MQGIGCDEML QGFVAVKMG ATKADFDNRV AIHPTSSEEL VTLR
Purity	>85% (SDS-PAGE)

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

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.

Conjugation Biotin

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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