

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 SKGLNLNKLK IQTDDKGHIL VDEFQNTNVK GVIYAVGDVCG KALLTPVAIA AGRKLAHRLF EGKEDSRLDY DNIPTVVFSS 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 mutiple 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