

## Recombinant Rat Gsr protein

**Cat. No.** Gsr-5190R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gsr protein(P70619)(1-424 aa) was expressed in Yeast.
<b>Species</b>	Rat
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-424 aa
<b>Form</b>	Tris/PBS-based buffer, 6% Trehalose.
<b>AASequence</b>	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
<b>Purity</b>	>85% (SDS-PAGE)
<b>Storage</b>	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**

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

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