



# Recombinant *Oryza sativa* subsp. *japonica* Glutathione reductase, cytosolic (GRC2)

<b>Product Code</b>	CSB-EP343747OFG
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P48642
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MARKMLKDEE VEVAVTDGGS YDYDLFVIGA GSGGVRGSRT SASFGAKVAI CELPFHPISS DWQGGHGGTC VIRGCVPKKI LYGSSFRGE FEDAKNFGWE INGDINFNWK RLENKTQEI VRLNGVYQRI LGNSGVTMIE GAGSLVDAHT VEVTKPDGSK QRYTAKHILI ATGSRAQRVN IPGKELAITS DEALSLEELP KRAVILGGGY IAVEFASIWK GMGAHVDFLY RKELPLRGFD DEMRTVVASN LEGRGIRLHP GTNLSELSKT ADGIKVVTDK GEEIADVVL FATGRTPNSQ RLNLEAAGVE VDNIGAIKVD DYSRTSVPNI WAVGDVTNRI NLTPVALMEA TCFSKTVFVG QPTKPDYRDV PAVFSIPPL SVVGLSEQQA LEEAKSDVLV YTSSFNPMKN SISKRQEKTV MKLVVDSETD KVLGASMCGP DAPEIIQGMA VALKCGATKA TFDSTVGIHP SAAEEFVTMR TLTRRVSPSS KPKTNL
<b>Source</b>	E.coli
<b>Target Names</b>	GRC2
<b>Protein Names</b>	Recommended name: Glutathione reductase, cytosolic Short name= GR Short name= GRase EC= 1.8.1.7
<b>Expression Region</b>	1-496
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.