



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

Product Code	CSB-MP343747OFG
Storage	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.
Uniprot No.	P48642
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MARKMLKDEE VEVAVTDGGS YDYDLFVIGA GSGGVRSRT SASFGAKVAI CELPFHPISS DWQGGHGGTC VIRGCVPKKI LYGSSFRGE FEDAKNFGWE INGDINFNWK RLLNKTQEI VRLNGVYQRI LGNSGVTMIE GAGSLVDAHT VEVTKPDGSK QRYTAKHILI ATGSRAQRVN IPGKELAITS DEALSLEELP KRAVILGGGY IAVEFASIWK GMGAHVDFY RKELPLRGFD DEMRTVVASN LEGRGIRLHP GTNLSELSKT ADGIKVTDK GEEIADVVL FATGRTPNSQ RLNLEAAGVE VDNIGAIKVD DYSRTSVPNI WAVGDVTNRI NLTPVALMEA TCFSKTVFGG QPTKPDYRDV PCAVFSIPPL SVVGLSEQQA LEEAKSDVLV YTSSFNPMKN SISKRQEKTV MKLVVDSETD KVLGASMCGP DAPEIIQGMA VALKCGATKA TFDSTVGIHP SAAEEFVTMR TLTRRVSPSS KPKTNL
Source	Mammalian cell
Target Names	GRC2
Protein Names	Recommended name: Glutathione reductase, cytosolic Short name= GR Short name= GRase EC= 1.8.1.7
Expression Region	1-496
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.