



Recombinant Glycine reductase complex component B subunit gamma (grdB)

Product Code	CSB-BP731509SRW
Abbreviation	grdB
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.	Q67KE7
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MRIVHYLNQF FGGIGGEEHA GVRPEVRPGP VGPGMALKAA LGDAGEIVAT VICGDSWFNE NLEEAKATVL ALIRQQNPDL VVAGPAFNAG RYGMACGAVA EVVSKELGIP VVTGMFLENP GVEVYRRYAW VVETGNSAAS MRTAIPAMAA LIRRLAAGQE PEPGTYLERG LRVNTFAAER GSARAVEMLV RKLKGEPYTT EYPMPSFDRV PPNPPVKDLS KAKIALVTSG GIVPKGPNPDH IESSSASKYG KYYLGDLDLDD TAETHQTAHG GYDPTYANAD ADRVLPVDVM RELEREGVIG KLHDYWYATV GNGTSVANAR AYAREIAEDL KKYEVDAVIL TSTUGTCTRC GATMVKEIER AGIPVVHVCT VVPISLTVGA NRIVPAVAIP HPLGNPALPP DEERTLRRRL VMKALQALTT PVDGQTVFE
Source	Baculovirus
Target Names	grdB
Protein Names	Recommended name: Glycine reductase complex component B subunit gamma EC= 1.21.4.2 Alternative name(s): Selenoprotein PB gamma
Expression Region	1-429
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.