



Recombinant *Leptospira borgpetersenii* serovar Hardjo-*bovis* GTPase Der (der)

Product Code	CSB-MP313114LET
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q04ZS1
Product Type	Recombinant Protein
Immunogen Species	<i>Leptospira borgpetersenii</i> serovar Hardjo- <i>bovis</i> (strain L550)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAKAVRKSNS EETVPIKAPR KAPGEKIPVV SIVGRQNVGK STLFNSLLKK KLAITEDYPG VTRDVLSARV YQEEKDLDFY LCDTPGLDIE NPDSLSQSIL EAAYRQLNES DVIIFLLDN LVTVADHTLL DYLRKKYGPV DKPIIYCVNK ADKELDEFDL EEFYRMGLPE VLPISATGRK NLGLLLEKIK FFLSSKPGKV WIEKISASKK KDAQPLPLAE EDYEFRLAIV GKPNSGKSSL LNAVCGYERA VVSDVAGTTR DSVDTLLEFG NRKLLLTDTA GIRKHSKTAE ALEYYSYQRT LKAIESSDLV IHLLDAKKGF GDFDKKITS LQEKGKPFLL AVNKWDSIED KTDKTFREYK EKLYSRFPLL NEVPIVTISA TERLRVQKLI DLSFDLASRS RRVSTSELN KNLKNWMSQA GRSFSAHQPP KMLYCTQVST SPFHLILFVN HVEYFKSNLI SFLKKKLTEA YDLQGIPVRL EFRSDRK</p>
Source	Mammalian cell
Target Names	der
Protein Names	Recommended name: GTPase Der Alternative name(s): GTP-binding protein EngA
Expression Region	1-487
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.