



Recombinant *Cricetulus griseus* Protein disulfide-isomerase (P4HB)

Product Code	CSB-MP823188DXU
Abbreviation	P4HB
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.	Q8R4U2
Product Type	Recombinant Protein
Immunogen Species	<i>Cricetulus griseus</i> (Chinese hamster) (<i>Cricetulus barabensis griseus</i>)
Purity	>85% (SDS-PAGE)
Sequence	D APEEEDNVLV LKKS NFAEAL AAHNYLLVEF YAPWCGHCKA LAPEYAKAAA KLK AEGSEIR LAKVDATEES DLAQQYGVRG YPTIKFFKNG DTASPKEYTA GREADDIVNW LKKRTGPAAT T LSDTAA AET LIDSSEVAVI GFFKDVESDS AKQFL LAEA VDDIPFGITS NSGVFSKYQL DKDGVVLFKK FDEGRNNFEG EVTKEKLLDF IKHNQLPLVI EFTEQTAPKI FGGEIKTHIL LFLPKSVSDY DGKLG NFKKA AEGFKGKILF IFIDSDHTDN QRILEFFGLK KEECPAVRLI TLEEEMTKYK PESDELTAEK ITEFCHR FLE GKIKPHLMSQ ELPEDWDKQP VKVLVGKNFE EVAFDEKKNV FVEFYAPWCG HCKQLAPIWD KLGETYKDHE NIIIAKMDST ANEVEAVKVH SFPTLKFFPA TADRTVIDYN GERTLDGFKK FLESGGQDGA GDDDDVDLEE ALEPDMEEDD DQKAVKDEL
Source	Mammalian cell
Target Names	P4HB
Protein Names	Recommended name: Protein disulfide-isomerase Short name= PDI EC= 5.3.4.1 Alternative name(s): Prolyl 4-hydroxylase subunit beta p58
Expression Region	20-509
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 of Mature 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.